









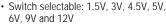
Catalog 292 May 200





Adjustable Cigarette Lighter Car Power Adapter

The Jensen power adapter powers portable electronic devices requiring up to 1000mA from a cigarette lighter. The regulated voltage switching design protects valuable electronics.



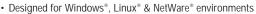


See Page 106 for Complete Specifications

Part No.	Mfr. Part No.	 •	Price
155230	JCD22A	 	\$14.95

100BASE-FX Secure Fiber Network Interface Card

This 3Com interface card hardens "at-risk" systems without impacting performance, combining an embedded security processor with the outstanding signal quality of fiber-optic cabling. The lack of electrical resistance extends operating distances over 100 meters, lowers electrical interference, and delivers the highest quality voice & video transmissions.



- · 100BASE-FX media
- · 32-bits Bus, 33MHz PCI

See Page 129 for More Network Cards

Part No.	Mfr. Part No.	Price
155221	3CR990B-FX-97	\$59.95

Kill A Watt™ Energy **Consumption Meter**

Kill A Watt allows you to measure how much energy appliances consume. Simply connect appliances to the Kill A WattTM and it will assess how efficient they really are. Large LCD display will count consumption by the Kilowatt-hour; same as your local utility. You can calculate your electrical expenses by the day, week, month, or year. Also check the quality of your power by monitoring voltage, line frequency and power factor.





Web Code: LOG

Part No.	Mfr. Part N	o. Price
2075946	P4400 ≉	\$26.95

Temperature, Humidity & Dew Point Data Logger

Measure and stores up to 32,000 readings allowing data to be graphed, printed and exported to other applications. Easy to read 2.5 digit LCD display

- · USB interface for set-up and data download
- · User programmable alarm thresholds
- · Windows® 98/2000/ XP/Vista compatible software included
- Data logger set-ups: logger name, "F/"C, logging rate (10s to 12 hrs), high & low alarms, start date and start time or pushbutton to start
- Temperature range: -31°F to 176°F (-35°C to 80°C)
- · Relative humidity range: 0 to 100% RH
- Dew point indication via Windows® control software

See Page 142 for More Data Loggers

Mfr. Part No. Price Part No. 2076367

Order by Phone: 1-800-831-4242 or Online: www.Jameco.com

6 & 8-Outlet Surge Protectors

These power surge protectors are perfect for different applications at home or in the office. 20175 & 216485 are great for smaller appliances while the 2079411 216485 will absorb much higher surges in power.

20175: 6-outlet; 4' cord

- Metal power strip
- Size: 12.3"L x 2.4"W x 1.3"H

216485: 6-outlet; 4' cord

- · Heavy-duty power cord (14AWG x 3)
- Size: 9.5"L x 1.7"W x 1.4"H Clamping voltage: 400V
- Max. surge volt.: 6500V
- RESET/OFF switch with built-in 15A circuit breaker

2079411: 8-outlet: 6' cord

- Size: 12.5"L x 5.0"W x 1.5"H
- · Lifetime warranty \$250,000 connected equipment

BELKIN

2079411

ValuePro

		See Page 128 for Complete Specifications		
Part No.	Manufacturer	Product No.	Spike Current (Max.)	Price
20175	ValuePro	51W1-13206	4500A, 50 joules	\$11.95
216485	ValuePro	51W1-10206	4500A, 150 joules	7.95
2079411	Belkin	F9M800	135,000A, 2655 joules.	29.95

Tartan 1710 Electrical Tape

3M™ Tartan™ 1710 vinyl insulating tape offers good resistance to abrasion, moisture, alkalis, acid, copper corrosion and varying weather conditions (including ultraviolet).



Dual Adjustable Regulated Power Supply Kit

Build a dual adjustable power supply for your circuits with this 48-piece kit. Comes complete with PC board instructions.

- Adjustable positive/negative supplies ±5 to ±15VDC, 175mA-750mA per supply
- LED on indicator • 120VAC input

See Page 122 for Complete Specifications

Part No.	Product No.	Dimensions	Price
20626	JE215	5.1"L x 3.5"W x 2.0"H	\$27.95

HDMI Male to Male Cable

High definition multimedia interface (HDMI) is the industry supported, uncompressed, all digital audio/video interface. HDMI provides an interface between any audio/video source, such as set-top box, DVD players, A/V receivers, audio/video monitors, DTV, HDTV, and plasma monitor.

More HDMI Cables and Adapters on Page 55

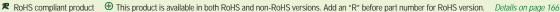
Part No.	Product No.	Length	Price
1944151	10HM-01128-02 ≉	2 meters	\$12.95

4.5" Diagonal Flush Cutter

General purpose cutter for picking-up, cutting and wire forming. Made of forged steel this cutter is heat treated and comes with insulated grips.

Complete Selection of Cuttors & Dijers on pages 145 & 146

	complete Selection (Complete Selection of Cutters & Filers on pages 145 & 140		
Part No.	Product No.	1	10	
34622	FR2461	\$4.95	\$4.49	













We're **Soooo** Not Like All The Rest!

Even with 35 years of experience supporting electronic engineers, we continue to reinvent ourselves. We've always worked hard to make sure our pricing is competitive, but during the past six months we've taken that even further by reducing prices on virtually all of the over 100,000 products we carry.

Better Design...

We've just completed a major redesign of the book. We've integrated similar products from different brands to allow users to quickly and easily compare products, specifications and prices on one page without having to flip back and forth between one manufacturer and another.



Broader Pricing Options...







All Jameco products are priced significantly below our competition. If, by chance you find a price that looks higher, call us because it's probably a mistake. On top of that, we give our customers access to high-quality brand alternatives. This is a great way to design low-cost into your solutions.

Integrated Catalog & Web...

Throughout this catalog you'll find web codes that allow you to jump from catalog to web without having to search or surf through 100,000

Part Bu.	"Mix.	Grass Rel.	Pis.	Description	- 1	18	100
277131	MAX	MAXITIOSCPE.	DIF-16	AG, 1444, SV, 50aps, 2-cn	\$18.95	\$3.57	\$7.69
791248	TI	TLCS49IP#	9.90	A.C. S-bit of serial control	1.35	1/17	1.81
18145		ADCINIOLD/WE	DIF-09	Aft, 846, 51, 570ps, 1-ch.	4.25	2.85	2.74
10153		ADDRESS ON	DIF-38	AB, 948, SE E 100ps, 548.	2.89	1.84	1.86

products. Web codes give you quick access to more products and more specifications plus the latest pricing and availability. It's as simple as finding your web code and entering it at <u>Jameco.com/More</u>.

We Love Electronics...

We're serious about electronics but we still take the time to enjoy ourselves. In this catalog we feature a new Jameco Puzzler from industry guru Forrest M. Mims III. Forrest is back with another stumper that will make any "Double E" scratch his head. See page 79 for the challenge.



Perfection...

We're not perfect, but we try hard to be. We continue to value the input of our customers who we've learned are not shy about helping to guide us. Don't be a stranger. Drop us a note at Feedback@Jameco.com. We don't just read and respond personally to all our mail...we study what our customers tell us.

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> Prices are effective 4-6-09. Prices and discounts are subject to change without notice.

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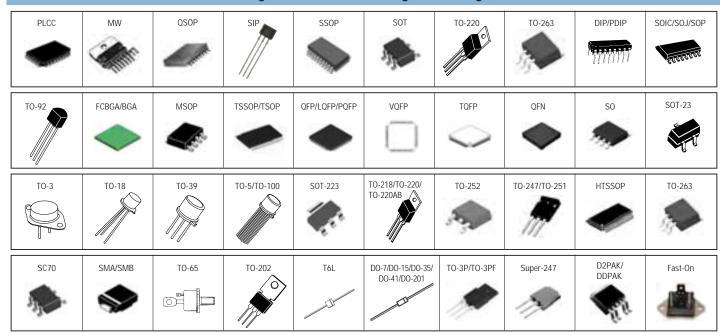
Blue indicates Web Codes for online only products, Enter Web Code at www.Jameco.com/more.

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Programmable Logic	
Propeller Chips	
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Voltage Regulators	
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200 1111 00	

Package Illustrations for Pages 3 through 18



Please refer to datasheets at www.Jameco.com for more detailed illustrations and specifications



	Ą	TEXAS IN	STRUME	NTS			NF	³/ PI	HILIP	5			MOHILD			
7400	Seri	ies				*W	'eb Code:	XAG	74AC	ACT Ser	ies	Please Note: Manufa	acturer may vary	★W e	b Code:	CDR
Part No.	•Mfr.	Cross Ref.	Pkg.	Description		1	10	100					* (Order in r	nultiples	s of 10
910901	TI	SN7400N ₹	DIP-14	Quad 2-input pos.	NAND gate	. \$.99	\$.89	\$.75	Part No.	Cross Ref.	Pkg.	Description		1	10	100

7400	Seri	ies			*W	eb Code:	XAG
Part No.	•Mfr.	Cross Ref.	Pkg.	Description	1	10	100
910901	TI	SN7400N ≈	DIP-14	Quad 2-input pos. NAND gate	. \$.99	\$.89	\$.75
48979	+	7400N**	DIP-14	Quad 2-input NAND gate	89	.79	.65
49007	+	7401N	DIP-14	Quad 2-input NAND gate (O.C.) .	89	.79	.65
49015	+	7402N*	DIP-14	Quad 2-input NOR gate		.95	.75
49040	+	7404N**	DIP-14	Hex inverters		.95	.75
49074	+	7405N*	DIP-14	Hex inverters (O.C.)		.59	.45
910987	TI	SN7406N ≈	DIP-14	Hex buffer/driver (O.C. hi-volt)		.75	.65
49091	+	7406N** 7407N**	DIP-14 DIP-14	Hex inverter buffer/driver (O.C.)		.65	.59
49120 49146	+	7407N 7408N*	DIP-14	Hex buffer/driver (O.C.) Quad 2-input AND gate		.65 1.35	.59 1.25
49189	+	7400N*	DIP-14	Triple 3-input NAND gate		.79	.59
49402	+	7413N	DIP-14	Dual 4-input NAND gate schmitt trig.		1.15	1.05
49437	+	7414N*	DIP-14	Hex inverters schmitt trigger		.79	.69
49630	+	7416N*	DIP-14	Hex inverter buffer/drivers (O.C.)		1.09	.99
49728	+	7417N*	DIP-14	Hex buffer/drivers (O.C. hi-volt)	1.09	.99	.89
50008	+	7420N*	DIP-14	Dual 4-input NAND gate	99	.89	.75
50139	+	7427N	DIP-14	Triple 3-input NOR gate	89	.79	.69
50227	+	7430N*	DIP-14	8-input NAND gate	69	.59	.45
50235	+	7432N*	DIP-14	Quad 2-input OR gate	1.05	.95	.85
50315	+	7438N*	DIP-14	Quad 2-input NAND buffer (O.C.)		.69	.59
50374	+	7442N	DIP-16	BCD-to-decimal decoder		1.25	1.15
50403	+	7445N	DIP-16	BCD-to-decimal decoder/driver .		1.35	1.09
50420	+	7447N*	DIP-16	BCD-to-7 seg. decoder/drv. (L.O.)		1.45	1.15
50526 50534	+	7472N 7473N	DIP-14	JK master/slave flip-flop, AND gate . Dual JK flip-flops with clear		.79	.69 1.59
50551	+	7473N 7474N**	DIP-14 DIP-14	Dual D flip-flops		1.75	.59
50577	+	7474N 7475N	DIP-14	4-bit bi-stable latch		2.35	2.19
50577	+	7476N	DIP-16	Dual JK flip-flop w/ preset & clear		2.65	2.39
50631	+	7483N	DIP-16	4-bit binary full adder		2.65	2.39
50657	+	7485N*	DIP-16	4-bit magnitude comparator		1.95	1.75
50665	+	7486N	DIP-14	Quad exclusive-OR gate	1.75	1.59	1.45
50681	+	7489N	DIP-16	64-bit RAM P 50ns	3.95	3.75	3.49
50690	+	7490N	DIP-14	Decade counter	2.95	2.65	2.39
50745	+	7493N	DIP-14	4-bit binary counter	. 1.75	1.59	1.45
50770	+	7495N*	DIP-14	4-bit parallel-access shift reg		1.25	1.15
49234	+	74107N*	DIP-14	Dual JK flip-flop with clear		.69	.59
49322	+	74121N	DIP-14	Monostable multivibrator		1.35	1.25
49357	+	74123N*	DIP-16	Dual retriggerable mono multivib.		1.59	1.45
49373 49470	+	74125N 74145N	DIP-14 DIP-16	Quad bus buffer tri-state BCD-to-decimal decoder/driver .		1.35	1.19
49496	+	74143N 74148N	DIP-16	8 to 3 line octal priority encoder		1.09	.79
49509	+	74150N	DIP-24	16 to 1 line multiplexer		1.95	1.75
49525	+	74151N*	DIP-16	8-input multiplexer		.69	.45
49550	+	74153N*	DIP-16	Dual 4/1 data selector/multiplexer		1.09	.79
49568	+	74154N	DIP-24	4 to 16 line decoder/demultiplexer	1.95	1.75	1.49
49605	+	74157N*	DIP-16	Quad 2/1 data selector	99	.89	.79
49648	+	74160N*	DIP-16	Decade counter w/ asynch clear	59	.55	.49
49664	+	74161N	DIP-16	Synch. 4-bit countr w/ direct clear	89	.79	.69
49672	+	74163N	DIP-16	Fully synchronous 4-bit counter	79	.69	.59
49681	+	74164N	DIP-14	8-bit serial shift register		.79	.59
49795	+	74175N*	DIP-16	Quad D-type flip-flop with clear .		1.25	1.15
49832	+	74180N	DIP-14	9-bit odd/even parity generatr/checker		.89	.49
49883	+	74189N	DIP-16	64-bit RAM tri-state		2.75	2.49
49904 49912	+	74191N 74192N	DIP-16 DIP-16	Binary up/down counter Decade up/down counter w/ clear		1.75 3.75	1.45 3.49
49912	+	74192N 74193N	DIP-16	Binary up/down counter w/ clear		2.75	2.49
49955	+	74193N 74194N	DIP-16	4-bit bi-directional shift register	1.75	1.55	1.35
49963	+	74195N	DIP-16	4-bit parallel-access shift reg		1.55	1.35
	**20 pc	s. in 7400 series					

74AC	/ACT Series	S	Please Note: Manufacturer may vary	*W	CDR	
			* 0	rder in	multiple	s of 10
Part No.	Cross Ref.	Pkg.	Description	1	10	100
266159	74ACT08M	SOIC-14	Quad 2-input AND gate	*	\$.15	\$.12
211983	74ACT08N	DIP-14	Quad 2-input AND gate	25	.19	.17
238887	74AC10N	DIP-14	Triple 3-input NAND gate	29	.25	.19
212003	74ACT32N	DIP-14	Quad 2-input OR gate	*	.15	.12
212011	74ACT74N	DIP-14	Dual D-type positive edge trigg flip-flop	*	.19	.17
238730	74AC139N	DIP-16	Dual 2 to 4 decoder/demux	25	.22	.17
238764	74AC157N	DIP-16	Quad 2-input multiplexer	49	.39	.35
239054	74ACT174N	DIP-16	Hex D-type flip-flop	39	.35	.29

74ALS	S Series	ı	Please Note: Manufacturer may vary	*W	/eb Code:	AFE
Part No.	Cross Ref. No.	Pkg.	Description	1	10	100
245294	74ALS00AN	DIP-14	Quad 2-input NAND gate	. \$.25	\$.22	\$.19
43959	74ALS02N	DIP-14	Quad 2-input NOR gate	25	.22	.19
245307	74ALS04BN	DIP-14	Hex inverters	25	.22	.19
44134	74ALS32N	DIP-14	Quad 2-input OR gate	25	.22	.19
245892	74ALS74AN	DIP-14	Dual D-pos. edge-trig. flip-flop	35	.25	.22
310295	74ALS244AM	SOIC-20	Octal buffer/driver w/ 3-st	35	.25	.22

74C S	Serie	es .			* Wei	b Code:	RAG
Part No.	●Mfr.	Cross Ref.	Pkg.	Description	1	10	100
44222	+	74C00N	DIP-14	Quad 2-input NAND gate	\$1.15	\$.95	\$.69
44231	+	74C04N	DIP-14	Hex inverter (CD4069)	. 1.15	.95	.69
44257	+	74C14N	DIP-14	Hex inverter Schmitt trig. (CD40106)	59	.49	.39
44361	+	74C221N	DIP-16	Dual monostable multivibrator	. 3.75	3.15	2.49
44396	+	74C373N	DIP-20	Octal D-type flip-flop w/ clear 3-st.	2.95	2.49	2.15
44521	+	74C912N	DIP-28	6-digit BCD display contr./driver	. 4.95	4.49	3.95
871869	FSC	MM74C922N ₹	DIP-20	16-key encoder	. 5.95	5.49	5.25
44564	+	74C922N	DIP-18	16-key keyboard encoder	. 5.49	5.25	4.95
44572	+	74C923N	DIP-20	20-key keyboard encoder	. 4.95	4.25	3.95
44599	+	74C926N	DIP-18	4-digit CTR w/ mux. D-seg. driver .	. 8.75	7.95	7.75

74F S	eries		Please Note: Manufacturer may var	y *и	/eb Code:	CEN
Part No.	Cross Ref.	Pkg.	Description	1	10	100
286993	74F02N	DIP-14	Quad 2-input NOR gate	\$.29	\$.25	\$.22
287005	74F04N	DIP-14	Hex inverter	35	.29	.25
287013	74F08N	DIP-14	Quad 2-input AND gate	19	.17	.15
44652	74F10N	DIP-14	Triple 3-input NAND gate	35	.29	.25
111641	74F11N	DIP-14	Triple 3-input AND gate	29	.25	.22
287654	74F14D	SOIC-14	Hex inverter w/ Schmitt trigger	25	.22	.19
287021	74F14N	DIP-14	Hex inverter w/ Schmitt trigger	25	.22	.19
245121	74F30N	DIP-14	8-input NAND gate	35	.29	.25
287638	74F32D	SOIC-14	Quad 2-input OR gate	19	.17	.15
287048	74F32N	DIP-14	Quad 2-input OR gate	35	.29	.25
245139	74F38N	DIP-14	Quad 2-input NAND gate (O.C.)	29	.25	.22
287620	74F74D	SOIC-14	Dual D-type flip-flop	19	.17	.15
287056	74F74N	DIP-14	Dual D-type flip-flop	25	.22	.19
			Co	ontinued	on nex	t nage

7400 Series IC Kit

Includes: 20-drawer component cabinet (319600), 20 clear plastic drawers (319601), 20 clear dividers (319611), pg 155 and 30 adhesive labels for drawers to identify parts in kit

10 each: 7402, 7405, 7408, 7410, 7414, 7415, 7417, 7420, 7430, 7432, 7438, 7447, 7470, 7485, 74107, 74121, 74123, 74132, 74151, 74153, 74157, 74160, 74174, 74175, 74279

20 each: 7400, 7404, 7406, 7407, 7474

Part No. Description

84953 350 pcs. 7400 IC kit

SAVE \$141

\$199.95

Wt. (lbs.)

* FSC = Fairchild Semiconductor | TI = Texas Instruments | ♦ Manufacturer Varies

*For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above



\$179.95

74HC Series

74F S	Series (Conti	nued)	Please Note: Manufacturer may vary	★W	eb Code:	CEN
Part No.	Cross Ref.	Pkg.	Description	1	10	100
287611	74F86D	SOIC-14	Quad 2-input OR gate	\$.35	\$.29	\$.25
287064	74F86N	DIP-14	Quad 2-input OR gate	35	.29	.25
287566	74F138D	SOIC-16	3 to 8 decoder/demux	19	.17	.15
287072	74F138N	DIP-16	3 to 8 decoder/demux	29	.25	.22
287081	74F139N	DIP-16	Dual 1-of-4 decoder/demux	29	.25	.22
245163	74F148N	DIP-16	8 to 3 line priority encoder	29	.25	.22
245171	74F157AN	DIP-16	Quad 2-input multiplexer	29	.25	.22
282731	74F174N	DIP-16	Hex D-type flip-flop w/ master reset	29	.25	.22
287540	74F244D	SOIC-20	Octal buffer/driver w/ 3-st. output	29	.25	.22
287144	74F245N	DIP-20	Quad 2-input multiplexer	35	.29	.25
283557	74F257D	SOIC-16	Quad 2:1 data selector/mux. w/ 3-st	.29	.25	.22
287099	74F273N	DIP-20	Octal D-type flip-flop	45	.39	.35
287494	74F373D	SOIC-20	Octal transparent D-type latch w/ 3-st	45	.39	.35
287216	74F574N	DIP-20	Octal D-type flip-flop w/ 3-st	49	.39	.35
287460	74F574D	SOIC-20	Octal D-type flip-flop w/ 3-st	49	.39	.35

Part No.	®Mfr.	Product No.	Pkg.	Description 1	10
835219	TI	SN74HC00N₽	DIP-14	Quad 2-input positive NAND gates \$.35	\$.29
906339	NXP	74HC00N ₹	DIP-14	Quad 2-input NAND gate, I-temp29	.25
45161	+	74HC00N	DIP-14	Quad 2-input NAND gate25	.22
45188	+	74HC02N	DIP-14	Quad 2-input NOR gate29	.25
835235	TI	SN74HC04N ₹	DIP-14	Hex inverter35	.29
250982	TI	SN74HC04N	DIP-14	Hex Inverter32	.27
906574	NXP	74HC04N ₹	DIP-14	Hex inverter35	.29
45209	+	74HC04N	DIP-14	Hex inverter29	.25
45225	+	74HC08N	DIP-14	Quad 2-input AND gate29	.25
251045	TI	SN74HC14N	DIP-14	Hex schmitt-trigger inverter32	.27
835340	TI	SN74HC14N ₹	DIP-14	Hex schmitt-trigger inverter35	.29
907411	NXP	74HC14N ₹	DIP-14	Hex inverting schmitt trigger35	.29
45364	*	74HC14N	DIP-14	Hex schmitt trigger inverter29	.25
45583	*	74HC20N	DIP-14	Dual 4-input NAND gate29	.25
251088	TI	SN74HC32N ₹	DIP-14	Quad 2-input OR gate	.29
45794	+	74HC32N	DIP-14	Quad 2-input OR gate29	.25
251097	TI	SN74HC74NE4 ₹	DIP-14	Dual D-type pos. edge trig. F-F w/ clear & preset .35	.29
46130	+	74HC74N	DIP-14	Dual D-type pos. edge trig. F-F w/ clear & preset .29	.25
46156	+	74HC75N ⊙	DIP-16	4-bit bi-stable latch35	.29
46181	+	74HC86N	DIP-14	Quad 2-input Exclusive OR gate25	.22
45305	+	74HC125N	DIP-14	Quad bus buffer w/ 3-state outputs19	.17
45321	+	74HC132N	DIP-14	Quad pos. NAND gate w/ Schmitt trig. input35	.29
86182	+	74HC138D	SOIC-16	3-8 decoder/demultiplexer22	.19
45330	+	74HC138N	DIP-16	3-to-8 decoder/demultiplexer35	.29
45401	+	74HC154N	DIP-24	4-to-16 line decoder (0.3" wide)	.69
251328	TI	SN74HC164N ≈	DIP-14	8-bit parallel out serial shift register29	.25
45487	+	74HC164N	DIP-14	8-bit parallel out serial shift register25	.22
251336	TI	SN74HC165N	DIP-16	8-bit parallel load shift register35	.29
45495	+	74HC165N	DIP-16	8-bit parallel load shift register25	.22
45532	+	74HC191N	DIP-16	Up/down binart counter29	.25
45541	+	74HC192N	DIP-16	Presettable synch. 4-bit up/down counter 1.49	1.39
251424	TI	SN74HC244N	DIP-20	Octal buffer/line driver w/ 3-st. output45	.39
908220	NXP	74HC244N ₹	DIP-20	Octal buffer/line driver w/ 3-st. output39	.35
45655	+	74HC244N	DIP-20	Octal buffer/line driver w/ 3-st. output25	.22
45671	+	74HC245N	DIP-20	Octal bus trans. w/ 3-st. output25	.22
45719	+	74HC257N	DIP-16	Quad 2-channel tri state multiplexer22	.19
251475	TI	SN74HC373N	DIP-20	Octal D-type transparent latches w/ 3-st. output39	.35
45831	+	74HC373N	DIP-20	Octal D-type transparent latches w/ 3-st. output35	.29
86254	+	74HC374D	SOIC-20	Tri-state octal D-type flip-flop25	.19
251483	TI	SN74HC374N₽	DIP-20	Octal edge trig. D-type F-F w/ 3-st. output39	.35
45858	+	74HC374N	DIP-20	Octal edge trig. D-type F-F w/ 3-st. output25	.22
109760	+	74HC540N	DIP-20	Octal buffer/line driver w/ 3-st. output39	.35
46050	+	74HC541N	DIP-20	Octal buffer/line driver w/ 3-st. output NOR gate .25	.22
46076	+	74HC573N	DIP-20	Octal transparent D-type latches w/ 3-st. output .29	.25
O Blue Pa	rt No. = l	Limited Quantity Avai	lable		

74HC	Ser	ies (Continu	ed)		* Web C	ode: SA	G
Part No.	•Mfr.	Product No.	Pkg.	Description		1	10
46084	+	74HC574N	DIP-20	Octal edge trig. D-type F-F w/ 3-st. out.	flow thru \$.	.35 \$.29
46105	+	74HC595N	DIP-16	8-bit shift reg. w/ 3-st. output reg	jister <mark></mark>	35	.29
251643	TI	SN74HC595N	DIP-16	8-bit shift reg. w/ 3-st. output reg	jister	45	.39
46113	+	74HC688N	DIP-20	8-bit indentity comparators	<mark></mark>	49	.45
45891	+	74HC4017N	DIP-16	Decade ctr/div w/ decoded output	t	39	.35
88102	+	74HC4051N	DIP-16	8-channel analog multiplexer	<mark></mark>	22	.19
272129	+	74HC4053N	DIP-16	Triple 2-channel analog multiplex	er <mark></mark>	22	.19
822303	TI	CD74HC4511E ₹	DIP-16	BCD-to-7 segment latch/decoder/driv	⁄er	65	.55

74HC	T Series		Please Note: Manufacturer may vary	Neb Code:	SAG
Part No.	Product No.	Pkg.	Description	1	10
44871	74HCT00N	DIP-14	Quad 2-input NAND gate	\$.25	\$.19
44898	74HCT04N	DIP-14	Hex inverter	19	.17
63765	74HCT05N	DIP-14	Hex inverter (O.C.)	29	.25
44901	74HCT08N	DIP-14	Quad 2-input AND gate	29	.25
618046	74HCT10N ₹	DIP-14	Triple 3-input NAND gate	25	.22
44935	74HCT14N	DIP-14	Hex schmitt trigger inverter	25	.22
88006	74HCT20N	DIP-14	Dual 4-input NAND gate	22	.19
45137	74HCT74N	DIP-14	Dual D-type pos. edge trig F-F w/ clear & prese	et22	.19
45145	74HCT86N	DIP-14	Quad 2-input EXCLUSIVE-OR gate	29	.25
44928	74HCT138N ₹	DIP-16	3-to-8 decoder/demultiplexer	25	.22
44927	74HCT138N	DIP-16	3-to-8 decoder/demultiplexer	22	.19
44986	74HCT174N	DIP-16	Hex D flip-flop w/clear	29	.25
44994	74HCT175N	DIP-16	Quad D flip-flop w/clear	29	.25
45022	74HCT244N	DIP-20	Octal buffer/line driver w/ 3-st. output	25	.22
45031	74HCT245N	DIP-20	Octal bus trans. w/ 3-state output	29	.25
45065	74HCT373N	DIP-20	Octal transparent D-type latch w/ 3-st. outpo	ut29	.25
45073	74HCT374N	DIP-20	Octal D-type flip-flop edge-trig. w/ 3-st. outp	out .35	.29
45090	74HCT573N	DIP-20	Octal transparent D-type latch w/ 3-st. outpo	ut39	.35

Part No.	•Mfr.	Cross Ref.	Pkg.	Description	1	10	100
283725	TI	SN74LS00N	DIP-14	Quad 2-input NAND gate	\$.45	\$.35	\$.29
46253	+	74LS00N 🕿	DIP-14	Quad 2-input NAND gate	45	.35	.29
46252	+	74LS00N**	DIP-14	Quad 2-input NAND gate	39	.29	.2
283741	TI	SN74LS02N	DIP-14	Quad 2-input NOR gate	45	.35	.2
46287	+	74LS02N**	DIP-14	Quad 2-input NOR gate	39	.29	.2
283784	TI	SN74LS03N	DIP-14	Quad 2-input NAND gate (O.C.)	69	.49	.4
283792	TI	SN74LS04N	DIP-14	Hex inverter	45	.35	.2
46318	+	74LS04N ₹	DIP-14	Hex inverter	45	.35	.2
46316	+	74LS04N**	DIP-14	Hex inverter	39	.29	.2
46341	+	74LS05N*	DIP-14	Hex inverter (O.C.)	45	.35	.2
46359	+	74LS06N	DIP-14	Hex inverter buffer/driver (O.C.)	75	.65	.5
46367	+	74LS07N	DIP-14	Hex buffer/driver (O.C. hi-volt)	75	.65	.5
295401	TI	SN74LS08N	DIP-14	Quad 2-input AND gate	45	.35	.2
46375	+	74LS08N**	DIP-14	Quad 2-input AND gate	39	.29	.2
46391	+	74LS09N	DIP-14	Quad 2-input AND gate (O.C.)	45	.35	.2
46404	+	74LS10N*	DIP-14	Triple 3-input NAND gate	55	.39	.3
46439	+	74LS11N*	DIP-14	Triple 3-input AND gate	55	.39	.3
295460	TI	SN74LS14N	DIP-14	Hex inverter schmitt trigger	45	.35	.2
46640	+	74LS14N*	DIP-14	Hex inverter schmitt trigger	39	.29	.2
295478	TI	SN74LS20N	DIP-14	Dual 4-input NAND gate	65	.55	.4
47095	+	74LS20N*	DIP-14	Dual 4-input NAND gate	59	.49	.3
47108	+	74LS21N	DIP-14	Dual 4-input AND gate	49	.39	.2
47378	+	74LS27N	DIP-14	Triple 3-input NOR gate	59	.49	.3
47458	+	74LS30N*	DIP-14	8-input NAND gate	29	.25	.2
295515	TI	SN74LS32N	DIP-14	Quad 2-input OR gate	39	.29	.2
47467	+	74LS32N ₹	DIP-14	Quad 2-input OR gate	39	.29	.2
47466	+	74LS32N**	DIP-14	Quad 2-input OR gate	35	.25	.2
295558	TI	SN74LS37N	DIP-14	Quad 2-input NAND gate buffer .	65	.55	.4
47773	+	74LS42N	DIP-14	BCD-to-decimal decoder/driver .	85	.75	.6
295582	TI	SN74LS47N	DIP-16	BCD-to-7 seg. decoder/drv. (O.C.)	1.19	.99	.8
47790	+	74LS47N*	DIP-16	BCD-to-7 seg. decoder/drv. (O.C.)	1.09	.89	.79

* NXP = NXP/Philip Semiconductor | TI = Texas Instruments |

Manufacturer Varies

* Web Code: SDJ

ROHS compliant product 🕀 This product is available in both ROHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.









JAMECO Value Pro

74LS	Seri	es (Continu	e d)		*N	/eb Code:	NBS
Part No.	•Mfr.	Cross Ref.	Pkg.	Description	1	10	10
17811	+	74LS48N	DIP-16	BCD-to-7 seg. decoder/drv \$	3.95	\$3.49	\$2.9
17992	+	74LS73N*	DIP-14	Dual JK F-F w/ clear, center VCG/GND	1.09	.95	.7
295726	TI	SN74LS74AN	DIP-14	Dual D flip-flop	39	.29	.2
18004	+	74LS74N**	DIP-14	Dual D flip-flop	35	.25	.2
8021	+	74LS75N*	DIP-16	4-bit bi-stable latch	1.15	.95	
8039	+	74LS76N	DIP-16	Dual JK flip-flop w/ preset & clear	1.29	1.19	1.0
8063	+	74LS83N	DIP-16	4-bit binary full adder		1.99	1.
95742	TI	SN74LS85N	DIP-16	4-bit magnitude comparator		.79	
8071	+	74LS85N*	DIP-16	4-bit magnitude comparator		.69	
95751	TI	SN74LS86N	DIP-14	Quad EXCLUSIVE-OR gate		.35	
8098	+	74LS86N*	DIP-14	Quad EXCLUSIVE-OR gate		.25	
95769	TI	SN74LS90N	DIP-14	_		1.25	
	+			Decade counter			
8119		74LS90N*	DIP-14	Decade counter		1.15	
8143	+	74LS92N	DIP-14	Divide-by-12 counter		1.29	1.
95822	TI	SN74LS93N	DIP-14	4-bit binary counter		1.15	
8151	+	74LS93N*	DIP-14	4-bit binary counter		1.05	
8178	+	74LS95N	DIP-14	4-bit parallel-access shift reg	1.95	1.75	1.
6412	+	74LS107N	DIP-14	Dual JK flip-flop with clear	1.05	.89	
6421	+	74LS109N	DIP-16	Dual JK pos. edge-trig. flip-flop	85	.75	
6447	+	74LS112N	DIP-16	Dual JK neg. edge-trig. flip-flop	55	.45	
6471	+	74LS122N	DIP-14	Retrig. mono. multivib. comm. CLK .	69	.59	
00880	TI	SN74LS123N	DIP-16	Dual mono. multivibrator w/ clear	.59	.49	
6480	+	74LS123N*	DIP-16	Dual mono. multivibrator w/ clear	.55	.45	
6501	+	74LS125N*	DIP-14	Quad bus buffer neg. enable 3-st.	.55	.45	
6527	+	74LS126N	DIP-14	Quad bus buffer 3-st	55	.45	
6551	+	74LS132N	DIP-14	Quad 2-input NAND Schmitt trig.	.59	.49	
6586	+	74LS136N	DIP-14	Quad EXCLUSIVE-OR gate (O.C.)	.69	.59	
01233	TI	SN74LS138N	DIP-16	3-to-8 decoder/demultiplexer		.45	
6608	+	74LS138N 2	DIP-16	3-to-8 decoder/demultiplexer		.45	
				The state of the s			
6607	+	74LS138N**	DIP-16	3-to-8 decoder/demultiplexer		.39	
01268	TI	SN74LS139AN	DIP-16	2-to-4 decoder/demultiplexer		.45	
6623	+	74LS139N*	DIP-16	2-to-4 decoder/demultiplexer		.39	
01276	TI	SN74LS145N	DIP-16	BCD-to-decimal decoder/drv. (O.C.)		.55	
6666	+	74LS145N	DIP-16	BCD-to-decimal decoder/drv. (O.C.)	.59	.49	
6682	+	74LS148N	DIP-16	8-to-3 priority encoder	95	.85	
6703	+	74LS151N*	DIP-16	8-input multiplexer	65	.55	
6720	+	74LS153N	DIP-16	Dual 4-to-1 selector/multiplexer .	65	.55	
6738	+	74LS154N	DIP-24	4-to-16 line decoder/demux	4.95	4.75	4.
6754	+	74LS155N*	DIP-16	Dual 2-to-4 line decoder/demux	85	.75	
15816	TI	SN74LS156N₽	DIP-16	Dual 2-to-4 line decoder/demux	75	.65	
6771	+	74LS157N*	DIP-16	Quad 2-to-1 line data selector/mux	49	.39	
6800	+	74LS160N	DIP-16	Decade countr w/ asynch. clear	2.49	2.25	2.
01647	TI	SN74LS161AN	DIP-16	Synch 4-bit counter	59	.49	
6818	+	74LS161N	DIP-16	Synch 4-bit counter		.45	
6842	+	74LS163N	DIP-16	Fully synch. 4-bit counter		.49	
6851	+	74LS164N	DIP-14	8-bit serial shift register		.45	i.
6877	+	74LS165N	DIP-16	8-bit serial shift register, parallel load		.45	
6885	+	74LS166N	DIP-16	8-bit parallel shift register		.55	
	+						
6906		74LS169N	DIP-16	Synch. binary up/down counter		.89	
6922	+	74LS173N	DIP-16	4-bit D-type reg. 3-state		.79	
6931	+	74LS174N*	DIP-16	Hex D flip-flop w/ clear		.59	
6957	+	74LS175N*	DIP-16	Quad D flip-flop w/ clear		.49	
6973	+	74LS181N	DIP-24	Arithmetic logic unit/function gen		2.75	2.
6990	+	74LS190N	DIP-16	Synchronous up/down counter	2.95	2.75	2.
7001	+	74LS191N	DIP-16	Up/down binary counter	65	.55	
7010	+	74LS192N	DIP-16	Decade up/down countr w/ clear	3.49	3.25	2.
01831	TI	SN74LS193N	DIP-16	Binary up/down countr w/ clear	49	.45	
7036	+	74LS193N*	DIP-16	Binary up/down countr w/ clear		.39	
01858	TI	SN74LS194N	DIP-16	4-bit bi-directional shift register		.89	

74LS	Seri	es (Continu	ed)		* V	Veb Code	: NBS
Part No.	•Mfr.	Cross Ref.	Pkg.	Description	1	10	100
47061	+	74LS195N	DIP-16	4-bit parallel-access shift register	\$2.05	\$1.95	\$1.75
47124	+	74LS221N	DIP-16	Dual monostable multivibrator	75	.65	.55
308291	TI	SN74LS240N	DIP-20	Octal invert. line driver 3-st	65	.55	.45
47141	+	74LS240N*	DIP-20	Octal invert. line driver 3-st	59	.49	.39
47167	+	74LS241N	DIP-20	Octal bus/line driver 3-st	65	.55	.45
308312	TI	SN74LS244N ≈	DIP-20	Octal driver 3-st	59	.49	.39
47183	+	74LS244N*	DIP-20	Octal driver 3-st	55	.45	.35
308321	TI	SN74LS245N	DIP-20	Octal bus transceiver 3-st	69	.59	.45
47212	+	74LS245N*	DIP-20	Octal bus transceiver 3-st	65	.55	.39
47247	+	74LS247N	DIP-16	BCD to 7-seg. decoder/drv. (O.C.)	1.09	.99	.89
47327	+	74LS259N	DIP-16	8-bit addressable latch	65	.55	.45
47360	+	74LS266N	DIP-14	Quad EXCLUSIVE-NOR gate (O.C.)	65	.55	.45
308398	TI	SN74LS273N	DIP-20	Octal D-type flip-flop with clear	65	.55	.45
47386	+	74LS273N*	DIP-20	Octal D-type flip-flop with clear	59	.49	.39
47407	+	74LS279N	DIP-16	Quad set-rest latches	75	.65	.55
47423	+	74LS283N	DIP-16	4-bit binary full add w/ fast carry	95	.85	.65
47562	+	74LS367N	DIP-16	Hex buffer 3-st	69	.59	.49
309278	TI	SN74LS368AN	DIP-16	Hex bus driver w/ 3-st	79	.69	.59
308460	TI	SN74LS373N	DIP-20	Octal D flip-flop 3-st	59	.49	.39
47600	+	74LS373N*	DIP-20	Octal D flip-flop 3-st	55	.45	.35
308478	TI	SN74LS374N	DIP-20	Octal D flip-flop edge-trig. 3-st	59	.49	.39
47634	+	74LS374N*	DIP-20	Octal D flip-flop edge-trig. 3-st.	55	.45	.35
1944311	+	74LS375N	DIP-16	4-bit bistable latches	75	.65	.45
47669	+	74LS377N	DIP-20	Octal D register common enable	85	.75	.65
47722	+	74LS390N	DIP-16	Dual 4-bit decade counter	95	.85	.75
47731	+	74LS393N	DIP-14	Dual 4-bit binary counter	75	.65	.55
47861	+	74LS540N	DIP-20	Octal invert. buffer/line driver 3-st.	89	.79	.69
47870	+	74LS541N	DIP-20	Octal buffer/line driver 3-st	75	.65	.55
64418	+	74LS573N	DIP-20	Octal D-type flip-flop latch 3-st.	2.19	2.05	1.95
64426	+	74LS574N	DIP-20	Octal D-type flip-flop edge-trig. 3-st	2.19	2.05	1.95
103974	+	74LS595N	DIP-16	8-bit serial-to-parallel shift reg. 3-st	4.95	4.49	3.95
47950	+	74LS645N	DIP-20	Octal bus transceiver 3-st. (O.C.)	1.09	.89	.79
47984	+	74LS688N	DIP-20	8-bit magnitude comparator	1.25	1.05	.85
*10 pcs. i	n 74LS s	eries IC cabinet ki	t, below				

74LS Series IC Kit

SAVE \$73

Includes: 20-drawer component cabinet (319600), 20 clear plastic drawers (319601), 20 clear dividers (319611), pg 155 and 30 adhesive labels for drawers to identify parts in kit

10 each: 74LS05, 74LS10, 74LS11, 74LS14, 74LS20, 74LS30, 74LS47, 74LS73, 74LS75, 74LS85, 74LS86, 74LS90, 74LS92, 74LS122, 74LS123, 74LS1

74LS93, 74LS123, 74LS125, 74LS139, 74LS151, 74LS155, 74LS157, 74LS174, 74LS175, 74LS193, 74LS240, 74LS244, 74LS245, 74LS273, 74LS373, 74LS374, 74LS00, 74LS02, 74LS03, 74LS03,

20 each: 74LS00, 74LS02, 74LS04, 74LS08, 74LS32, 74LS74, 74LS138

Part No. Description Wt (lbs.)

Part No.	Description	Wt. (IDS.)	1	10
84961	420 pcs. 74LS IC kit	6.7	. \$149.95	\$139.95
130391	Refill for 84961 (420 pcs.)	2.0	119.95	109.95

74S S	eries		Please Note: Manufacturer may vary	e: Manufacturer may vary		NCK
Part No.	Cross Ref.	Pkg.	Description	1	10	100
48266	74S02N	DIP-14	Quad 2-input NOR gate	\$.65	\$.55	\$.45
48303	74S08N	DIP-14	Quad 2-input AND gate	65	.55	.45
48573	74S20N	DIP-14	Dual 4-input NAND gate	65	.55	.45
48750	74S32N	DIP-14	Quad 2-input OR gate	55	.45	.35
48557	74S189N	DIP-16	64-bit (16 x 4) RAM tri-state (27S03)	3.95	3.75	3.49
48696	74S287N O	DIP-16	1k-bit (256 x 4) PROM tri-state (TBP24S10) 1	10.95	9.95	7.95
48717	74S288N	DIP-16	256-bit (32 x 8) PROM tri-st. (TBP18S030N)	9.95	8.95	7.95
48805	74S387N	DIP-16	1k-bit (256 x 4) PROM O.C. (TBP24SA10N)	3.95	3.75	3.49
52513	74S428N★	DIP-28	System contr./bus driver (8228)	3.95	3.75	3.49
48864	74S472N	DIP-20	4k-bit (512 x 8) PROM tri-st. (TBP28S42N) 1	12.95	11.95	10.95
★ Pull = E	xtra Savings	Blue Pa	rt No. = Limited Quantity Available			

^{*}For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above

4000	Seri	ies			*We	eb Code:	WAA
Part No.	•Mfr.	Cross Ref.	Pkg.	Description	1	10	100
12562	+	CD4001**	DIP-14	Quad 2-input NOR gates	\$.25	\$.22	\$.19
675964	+	CD4002	DIP-14	Dual 4-input NOR gates	29	.25	.22
12597	+	CD4007	DIP-14	Dual comp. pair with inverter	22	.19	.17
12634	+	CD4011**	DIP-14	Quad 2-input NAND gates	25	.22	.19
893283	TI	CD4011BE ₹	DIP-14	CMOS NAND gates	35	.25	.22
893443	TI	CD4013BE ₹	DIP-14	CMOS dual D-type flip-flop	35	.25	.22
12677	+	CD4013**	DIP-14	Dual D flip-flops with set/reset	29	.25	.22
12722	+	CD4016*	DIP-14	Quad bilateral switches	29	.25	.22
12749	+	CD4017*	DIP-16	Decade counter/divider	35	.29	.2!
893611	TI	CD4017BE ₹	DIP-16	CMOS counter/divider	39	.35	.2!
12773	+	CD4018	DIP-16	Presettable divide-by-N counter	39	.35	.29
12802	+	CD4020*	DIP-16	14-stage binary/ripple counter	39	.35	.2
12829	+	CD4021	DIP-16	8-stage static shift register	29	.25	.22
12845	+	CD4023*	DIP-14	Triple 3-input NAND gates	29	.25	.2
12853	+	CD4024*	DIP-14	7-stage binary counter	29	.25	.2
353560	+	CD4026	DIP-16	Decade counter/divider	55	.45	.3
12888	+	CD4027*	DIP-16	Dual JK master-slave flip-flops	35	.29	.2
12909	+	CD4028	DIP-16	BCD-to-decimal decoder		.25	.22
12925	+	CD4029	DIP-16	Presettable up/down counter		.29	.2
12950	+	CD4040*	DIP-16	12-stage binary/ripple counter		.29	.2
12992	+	CD4043	DIP-16	Quad NOR R-S latches tri-state .		.35	.20
13004	+	CD4044	DIP-16	Quad 3-state NAND R-S latches		.35	.29
13012	+	CD4046*	DIP-16	Micropower phase-locked loop		.35	.29
894331	TI	CD4047BE 	DIP-14	CMOS LP monostable/stable multivibr		.35	.29
13055	+	CD4049**	DIP-16	Hex/buffer/converters (inverting)		.25	.2:
13071	+	CD4050*	DIP-16	Hex/buffer/converters (non-inverting		.25	.22
894391	TI	CD4051BE 	DIP-16	Single 8-ch mux. w/ 3-binary inputs		.35	.29
13098	+	CD4051*	DIP-16	Single 8-channel mux./demux		.29	.2!
13119	+	CD4052	DIP-16	Diff. 4-channel mux./demux		.29	.2!
13127	+	CD4053	DIP-16	Triple 2-channel mux./demux		.29	.2!
818259	TI	CD4059AE	DIP-24	CMOS programmable divide by N cntr		1.75	1.49
13151	+	CD4060	DIP-16	14-stage ripple-carry binary		.25	.22
13186	+	CD4066**	DIP-14	Quad bilateral switches		.29	.2!
13215	+	CD4067	DIP-24	16-channel analog mux./demux.		.99	.89
13231	+	CD4069 ⊕*	DIP-14	Hex inverters (74C04)		.25	.22
13258	+	CD4007 CD4070*	DIP-14	Quad exclusive-OR gates (74C86		.29	.2!
13274	+	CD4070*	DIP-14	Quad 2-input OR gates		.25	.2
676086	+	CD4071 CD4073	DIP-14			.25	.22
676094	*	CD4075	DIP-14	Triple 3-input AND gates Triple 3-input OR gates		.29	.2!
676115		CD4075 CD4078	DIP-14				.2
13354	X	CD4078 CD4081*		Triple 3-input OR gates Quad 2-input AND gates		.29	
	+		DIP-14	· -		.25	.22
676123		CD4082	DIP-14	Dual 4-input AND gates		.25	.22
870807	FSC	CD4093BCN₹	DIP-14	Quad 2-input NAND schmitt trig.		.29	.2!
818873	TI	CD4093BE ₹	DIP-14	Quad 2-input NAND schmitt trig.		.29	.2!
13400	+	CD4093*	DIP-14	Quad 2-input NAND schmitt trig.		.25	.22
13426	+	CD4094	DIP-16	8-stage shift-and-store bus reg.		.29	.2!
895254	TI	CD4503BE ₹	DIP-16	CMOS hex buffer, 3-st, non-inverting		.35	.29
13485	+	CD4510	DIP-16	BCD up/down counter		.35	.29
895377	TI	CD4511BE ₹	DIP-16	CMOS BCD-to-7 seg. latch decoder/drv		.35	.29
13493	+	CD4511*	DIP-16	BCD-to-7 seg. latch/decoder/driver		.29	.2
13522	+	CD4514	DIP-24	4-bit latch/4-16 line decoder		.89	.6
13549	+	CD4516	DIP-16	Binary up/down counter		.35	.2
895481	TI	CD4518BE ₹	DIP-16	CMOS dual up countr, hi volt (20V)		.35	.2
13565	+	CD4518	DIP-16	Dual BCD up counters		.29	.2
13581	+	CD4520	DIP-16	Dual binary up counters		.29	.2
13602	+	CD4526	DIP-16	Divide-by-N counter (binary)	55	.45	.39
13611	+	CD4528	DIP-16	Dual monostable multivibrators .	45	.39	.3
				it, above right			

4000	Seri	i es (Continu	ıed)		*W	eb Code:	WAA
Part No.	•Mfr.	Cross Ref.	Pkg.	Description	1	10	100
13653	+	CD4538*	DIP-16	Dual precision monostable multivib.	\$.45	\$.35	\$.29
13688	+	CD4541	DIP-14	Oscillator/programmable timer	35	.29	.25
13696	+	CD4543*	DIP-16	BCD to 7-segment decoder (LCD)	.35	.29	.25
13709	+	CD4553	DIP-16	3-digit BCD counter	1.75	1.59	1.45
13768	+	CD4584*	DIP-14	Hex schmitt trigger	35	.29	.25
785071	FSC	CD40106BCN ₹	DIP-14	Hex schmitt trigger	35	.29	.25
44257	+	CD40106	DIP-14	Hex inverters Schmitt trig. (74C14)	.29	.25	.22
676502	+	CD40110	DIP-16	Decade up/down counter	1.25	1.05	.85
*10 pcs.	in 4000 s	eries IC cabinet ki	t, below				

4000 Series CMOS IC Kit SAVE \$13

Includes: 20-drawer component cabinet (319600), 20 clear plastic drawers (319601), 20 clear dividers (319611), pg 155 and 30 adhesive labels for drawers to identify parts in kit 10 each: CD4015, CD4016, CD4017, CD4020, CD4023, CD4024, CD4027, CD4040, CD4046, CD4050, CD4051, CD4069,



CD4070, CD4071, CD4081, CD4093, CD4511, CD4538, CD4543, CD4584 20 each: CD4001, CD4011, CD4013, CD4049, CD4066

Part No.	Description	Wt. (lbs.)	1	10
84970	300 pcs. 4000 series CMOS IC kit	6.1	\$84.95	\$79.95
130403	Refill for 84970 (300 pcs.)	1.4	. 64.95	59.95

ON Se	miconductor.	MC1	4000 Series	× W	eb Code:	XDH
Part No.	Mfr. Part No.	Pkg.	Description	1	10	100
2024541	MC14013BCPG ₹	DIP-16	Dual D-type flip-flop	. \$.35	\$.31	\$.28
792474	MC14511BCPG ₹	DIP-16	BCD-to-7 seg latch/decoder/driver	45	.39	.35
947982	MC1/553RCPG	DIP-16	3-digit RCD decoder	1 75	1 50	1 //5

5000	Seri	ies & Cloc	ck Ch	ips	*v	Veb Code	: RAE
Part No.	●Mfr.	Cross Ref.	Pkg.	Description	1	10	100
32803	+	TCM5089N	DIP-16	Touch tone generator\$	4.95	\$4.49	\$3.95
26171	+	MM5450N	DIP-40	LED display driver	3.95	3.75	3.25
27422	+	LM555CN**	DIP-8	Timer	22	.19	.17
126797	+	LMC555CN*	DIP-8	CMOS timer	79	.69	.59
24328	+	LM556N*	DIP-14	Dual timer	29	.25	.22
25101	+	MC146818★	DIP-24	Real time clock with RAM	8.95	7.95	6.95
10567	AMD	AM9513APC★	DIP-40	Real time clock 3	4.95	31.95	27.95
*10 pcs./	**20 pc:	s. in Linear series I	C cabinet	kit, pg 14 🛊 Pull = Extra Saving	gs		

*Delay Lines Available Online — Enter Web Code EEU

*Quick Switches Available Online — Enter Web Code FAH

*EconoResets Available Online — Enter Web Code YFE

6500	6500 Series		Please Note: Manufacturer may vary		* Web Code: NAG		
Part No.	Cross Ref.	Pkg.	Description	1	10	100	
43191	6502★	DIP-40	CPU, 8-bit, 1MHz	\$5.95	\$5.49	\$4.95	
43166	65C02★	DIP-40	CPU, 8-bit, 1MHz	5.95	5.49	4.95	
43254	6522★	DIP-40	Versatile interface adapter, 1MHz	5.95	5.49	4.95	
43297	6532★	DIP-40	RAM I/O timer, 1MHz	7.95	7.25	6.49	
43318	6551★	DIP-28	Asynch. comm. interface adapter, 1MHz	3.95	3.75	3.49	
★ Pull = E	xtra Savings						

free	scale 6800	/6800	O CMOS	Web Code	: SBP
Part No.	Mfr. Part No.	Pkg.	Description	1 10	100
248604	MC68HC11E1CFN3	PLCC-52	MCU, 8-bit, 38 I/O, 3MHz \$9.9	5 \$8.95	\$7.95
248583	MC68HC11F1CFN3	PLCC-68	MCU, 8-bit, 30 I/O, 3MHz 11.9	5 10.95	9.95
108919	MC68HC705C8P	DIP-40	MCU, 8-bit, 24 I/O, 4MHz 8.9	5 7.95	7.25
132530	MC68HC705J1ACP	DIP-20	MCU, 8-bit, 14 I/O, 4MHz 3.7	5 2.39	2.25
248575	MC68HC711E9CFN2	PLCC-52	MCU, 8-bit, 38 I/O, 2MHz 17.9	5 15.95	14.95

*AMD = Advanced Micro Devices | FSC = Fairchild Semiconductor | TI = Texas Instruments | * Manufacturer Varies

🗷 RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.











53081

196120

8751H4

87C51★

P87C51







Part No.	●Mfr.	Cross Ref.	Pkg.	Description	1	10
43481	• IVIII .		DIP-40		_	
	•	6800★		CPU, 8-bit, 5V, 2MHz		\$4.95
43502	+	6802★	DIP-40	CPU, 8-bit, 5V, 1MHz	9.95	8.95
43529	+	6803★	DIP-40	CPU, 8-bit, 5V, 1MHz	6.95	5.95
43537	+	6808★	DIP-40	CPU, 8-bit, 7V, 1MHz	7.95	7.25
43545	+	6809E★	DIP-40	CPU, 8-bit, 7V, 1MHz	3.95	3.49
320590	+	68B09E★	DIP-40	CPU, 8-bit, 7V, 2MHz	4.95	4.49
43561	+	6810★	DIP-24	SRAM, 1K-bit, 5V, 1MHz	2.95	2.75
43596	+	6821★	DIP-40	Peripheral inter. adptr, 8-bit, 7V, 1MH:	2 3.95	3.49
43414	+	68B21★	DIP-40	Peripheral inter. adptr, 8-bit, 7V, 1MH:	4.95	4.49
43617	+	6840★	DIP-28	Programmable timer, 16-bit, 5V, 6MH	z 2.95	2.75
43633	+	6850★	DIP-24	Asynch. comm. int. adptr, 8-bit, 7V, 1MI-	lz 4.49	3.95
25304	+	MC68000L8★	DIP-64	CPU, 16-bit, 7V, 8MHz	8.95	7.95
25291	+	MC68000L10★	DIP-64	CPU, 16-bit, 7V, 10MHz	9.95	8.95
25355	+	MC68701★	DIP-40	MCU, 8-bit, 29 I/O, 2MHz	14.95	12.95
25363	MOT	MC68705P3S★	DIP-28	MCU, 8-bit, 20 I/O, 4MHz	24.95	22.95
25371	MOT	MC68705U3S★	DIP-40	MCU, 8-bit, 20 I/O, 4MHz	24.95	22.95

8000 Series Please Note: Manufacturer may vary

Part No.	Cross Ref.	Pkg.	Description	1	10
51844	8031★	DIP-40	MCU, 8-bit, 32 I/O, 8MHz	. \$3.49	\$3.25
51676	80C31★	DIP-40	MCU, 8-bit, 32 I/O, 24MHz, CMOS	3.75	3.45
876096	P80C31BH-1	DIP-40	MCU, 8-bit, 32 I/O, 16MHz, CMOS	3.75	3.45
102197	8032★	DIP-40	CPU, 8-bit, 32 I/O, 12MHz	3.95	3.49
108804	80C32-1★	DIP-40	MCU, 8-bit, 32 I/O, 12MHz, CMOS	4.25	3.75
51861	8035★	DIP-40	CPU, 8-bit, 27 I/O, 11MHz	3.95	3.49
51959	8039★	DIP-40	CPU, 8-bit, 27 I/O, 6MHz	3.95	3.49
51692	80C39★	DIP-40	MCU, 8-bit, 27 I/O, 11MHz, CMOS	4.25	3.75
51983	8049 ★ *	DIP-40	CPU, 8-bit, 27 I/O, 6MHz	2.95	2.75
51991	8051AP ★* *	DIP-40	MCU, 8-bit, 27 I/O, 11MHz	4.95	4.49
125647	80C52BASIC	DIP-40	MCU, 8-bit, 32 I/O, 12MHz, CMOS	. 33.95	31.95
52046	8080A★	DIP-40	CPU, 8-bit, 32 I/O, 1MHz	5.49	4.95
52062	8085AH★	DIP-40	CPU, 8-bit, 16 I/O, 3MHz	4.95	4.49
52071	8085AH-2★	DIP-40	CPU, 8-bit, 16 I/O, 5MHz	5.49	4.95
51705	80C85A-2	DIP-40	CPU, 8-bit, 16 I/O, 5MHz, CMOS	5.95	5.49
52100	8086-2★	DIP-40	CPU, 8-bit, 32 I/O, 8MHz	1.95	1.75
52142	8088★	DIP-40	CPU, 8-bit, 16 I/O, 5MHz	2.95	2.75
52169	8088-2★	DIP-40	CPU, 8-bit, 16 I/O, 8MHz	3.95	3.49
34358	UPD70108-8★	DIP-40	CPU, 8-bit, 16 I/O, 8MHz	9.95	8.95
52290	8155★	DIP-40	I/O port timer, 2K-bit, 3MHz	3.95	3.49
52302	8155-2★	DIP-40	Static MOS RAM, 2K-bit, 3 I/O, 5MHz	4.95	4.49
52193	81C55★	DIP-40	I/O port timer, 2K-bit, 3MHz, CMOS	4.95	4.49
52468	8212★	DIP-24	I/O port timer, 8-bit, 3MHz	5.95	5.49
52484	8216	DIP-16	Bi-directional bus driver (non-invert.)	3.95	3.49
52492	8224★	DIP-16	Clock generator/driver	3.95	3.49
52513	8228★	DIP-28	System controller/bus driver	3.95	3.75
52581	8243★	DIP-24	I/O expander, 5V, MIL. temp	5.49	4.95
52644	82514	DIP-28	USART	2.75	2.49
52652	8251A★	DIP-28	Prog. communications interface	3.95	3.49
52370	82C51A★	DIP-28	USART, 3V to 6V, CMOS	3.95	3.49
52679	8253★	DIP-24	Prog. interval timer, 2MHz	2.95	2.75
52687	8253-5★	DIP-24	Prog. interval timer, 2MHz	3.49	3.25
52388	82C53-5★	DIP-24	Prog. interval timer, 8MHz, CMOS	3.75	3.49
52708	8254★	DIP-24	Prog. interval timer, 8MHz	4.49	3.95
52716	8254-2★	DIP-24	Prog. interval timer, 10MHz	4.95	4.49
52396	82C54★	DIP-24	Prog. interval timer, 8MHz, CMOS	4.95	4.49
52409	82C54-2★	DIP-24	Prog. interval timer, 10MHz, CMOS	4.95	4.49

^{* 8049 (}ROM not available for use) Tie pin 7 high to bypass the internal ROM to convert 8049 to 8039

** Tie pin 31 low to bypass the internal ROM

8000	Series (co	ontinued)	Please Note: Manufacture			
Part No.	Cross Ref.	Pkg.	Description	1 10		
52724	8255★	DIP-40	CPU peripheral, 2MHz\$4.4	9 \$3.9		
52732	8255A-5★	DIP-40	CPU peripheral, 5MHz4.7	5 4.25		
291805	8255AC-5 	DIP-40	CPU peripheral, 4MHz4.7	5 4.2		
52417	82C55A★	DIP-40	CPU peripheral, 8MHz, CMOS4.9	5 4.49		
52425	82C55A-5★	DIP-40	CPU peripheral, 5MHz, CMOS4.9	5 4.49		
52759	8256★	DIP-40	Multi func. µproc. support controller 17.99	5 15.9		
52775	8259★	DIP-28	Prog. interrupt controller1.99	5 1.7		
52839	8279★	DIP-40	CPU peripheral, 5MHz10.9	5 9.9		
52847	8279-5★	DIP-40	CPU peripheral, 5MHz12.9	5 11.9		

52855 8282* DIP-20 Octal latch bus driver 4.95 Clock generator/driver, 8MHz4.95 52871 8284A★ DIP-18 52898 8286★ DIP-20 Octal bus transceiver 52901 8287* DIP-20 Octal bus transceiver 9.95 8.95 52919 8288 DIP-20 1.75 53014 8742 🎓 DIP-40 7.95 53022 8748 DIP-40 53031 8748H � DIP-40 8749H� 53057 DIP-40

DIP-40

Z80 I	MPUs		Please Note: Manufacturer may vary	le: JAF
Part No.	Product No.	Pkg.	Description	l 10
35561	Z80★	DIP-40	2.5MHz CPU (MK3880N/780C)\$1.95	\$1.7
35596	Z80A★	DIP-40	4MHz CPU (MK3880N-4/780C-1)	1.8
35609	Z80A-CTC★	DIP-28	4MHz counter timer circuit (MK3882-4) 2.49	2.2
35625	Z80A-DART★	DIP-40	4MHz dual asynchronous receiver/trans 2.49	2.2
35641	Z80A-PIO★	DIP-40	4MHz parallel I/O interf. contr. (MK3881-4) 2.05	1.8
35668	Z80A-SIO/0★	DIP-40	4MHz serial I/O, TxCB & RxCB bond. (MK3884-4) 2.49	2.2
35705	Z80B★	DIP-40	6MHz CPU (MK3880N-6)2.49	2.2
35781	Z84C00-4★	DIP-40	4MHz CPU (Z84C0004PEC) CMOS 4.49	3.9
280516	Z84C0008PEC★	DIP-40	Z80 CPU with 3 mode int., 16 regs	3.9
61786	Z85C3008PS★	DIP-40	Serial communications controller	4.49
★ Pull = E	Extra Savings			

UART	S		Please Note: Manufacturer may vary	* Web Code:	: MAG
Part No.	Cross Ref.	Pkg.	Description	1	10
43158	6402★	DIP-40	5V CMOS	\$6.95	\$5.95
27570	NS16C450N★	DIP-40	Asynch. comm. element, 5V	2.95	2.75
27596	NS16550AN★	DIP-40	Asynch. comm. element, 5V	4.95	4.49
288809	TL16C550CN	DIP-40	1-channel w/ 16-byte FIFO, 5V	3.95	3.49
★ Pull = E	xtra Savings				

EPRO)Ms					*Web Code: XAF		
Part No.	●Mfr.	Cross Ref.	Pkg.†	Config.	Description	1	10	100
39909	+	27084	DIP-24	1k x 8	450ns, 5V	\$3.95	\$3.75	\$3.49
33611	+	TMS2716 ❖	DIP-24	2k x 8	450ns, 5V	2.95	2.75	2.49
40002	+	27164	DIP-24	2k x 8	450ns, 5V	3.95	3.75	3.49
308662	+	2716A-2	DIP-24	2k x 8	200ns, 5V	3.95	3.75	3.49
40011	+	2716-14	DIP-24	2k x 8	350ns, 5V	4.49	3.95	3.75
33591	+	TMS2532 ❖	DIP-24	4k x 8	450ns, 5V	3.95	3.75	3.49
40096	+	27324	DIP-24	4k x 8	450ns, 5V	5.95	5.49	4.95
40133	+	2732A-45❖	DIP-24	4k x 8	450ns, 5V	3.95	3.75	3.49
40125	+	2732A-25❖	DIP-24	4k x 8	250ns, 5V	4.95	4.49	3.95
114876	+	2732B ❖	DIP-24	4k x 8	450ns, 5V	3.95	3.75	3.49
Refurbi	ished = B	acked by Jameco	†FDIP = Cer	ramic frit sea	ol <i>Co</i>	ntinued	d on nex	t page

^{*}For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above

		(Continued)	Dle: +	00.00	Description			: XAF
Part No.	*Mfr.	Cross Ref.	Pkg.†	Config.	Description 200ns, 5V	1 ¢E 40	10	10
10109	+	2732A-20�	DIP-24				\$4.95	\$4.4
266001	+	27C32-150.	DIP-24	i	150ns, 5V		5.49	4.9
10205	+	2764-25	DIP-28	8k x 8	250ns, 5V		3.75	3.4
0192	+	2764-20	DIP-28	8k x 8	200ns, 5V		3.95	3.7
0248	+	2764A-25�	DIP-28	8k x 8	250ns, 5V		3.75	3.4
0230	+	2764A-20.	DIP-28	8k x 8	200ns, 5V		3.95	3.7
98322	ST	M27C64A-15F1 ₹	FDIP-28	ı	150ns, 5V (±10%		4.75	4.4
9845	+	27C64-25�	DIP-28	ı	250ns, 5V		3.25	2.9
4608	+	27C64-20 	DIP-28	1	200ns, 5V		3.49	3.2
9829	+	27C64-15�	DIP-28	I	150ns, 5V		3.95	3.7
05304	+	27C64-12 	DIP-28	ı 8kx8	120ns, 5V		4.49	3.9
66036	+	27C64-100	DIP-28		100ns, 5V		4.55	4.0
9933	+	27128-25�	DIP-28	16k x 8	250ns, 5V	3.95	3.75	3.4
9984	+	27128A-25 ❖	DIP-28	16k x 8	250ns, 5V	3.95	3.75	3.4
9968	+	27128A-20 	DIP-28	16k x 8	200ns, 5V	4.25	3.95	3.5
9950	+	27128A-15�	DIP-28	16k x 8	150ns, 5V	4.49	4.25	3.9
9685	+	27C128-25�	DIP-28	16k x 8	250ns, 5V	3.75	3.49	3.2
01101	+	27C128-204	DIP-28	16k x 8	200ns, 5V	3.95	3.75	3.4
9677	+	27C128-154	DIP-28	16k x 8	150ns, 5V	4.25	3.95	3.7
7935	+	27C128-124	DIP-28	16k x 8	120ns, 5V	4.49	4.25	3.9
66061	+	27C128-100	DIP-28	16k x 8	100ns, 5V	4.75	4.49	4.2
49665	+	27C128-70	DIP-28	1 16k x 8	70ns, 5V	4.95	4.75	4.4
0061	+	27256-254	DIP-28	1 1 32k x 8	250ns, 5V	2.35	2.15	1.8
0045	+	27256-204	DIP-28	32k x 8	200ns, 5V		2.25	1.9
0037	+	27256-154	DIP-28		150ns, 5V		2.49	2.2
9731	+	27C256-25 	DIP-28	32k x 8	250ns, 5V		2.15	1.8
9722	+	27C256-20 	DIP-28	32k x 8	200ns, 5V		2.25	1.9
9714	+	27C256-15 	DIP-28	32k x 8	150ns, 5V		2.49	2.2
98111	ST	M27C256B-15F1₹	FDIP-28		150ns, 5V		2.75	2.4
	→	27C256-12	DIP-28	•	120ns, 5V			2.4
5904							2.75	
98091	ST	M27C256B-12F1₹	FDIP-28		120ns, 5V, C-ten		2.95	2.7
98103	ST	M27C256B-12F6₹	FDIP-28	ı	120ns, 5V, I-tem		2.95	2.7
12740	*	27C256-10.	DIP-28	l .	100ns, 5V		2.95	2.7
98082	ST	M27C256B-10F1₹	FDIP-28	ı	100ns, 5V		3.25	2.9
40476	+	27C256-70�	DIP-28	ı	70ns, 5V		3.75	3.4
66079	+	27C256-55	DIP-28		55ns, 5V		4.25	3.9
0150	+	27512-20�	DIP-28		200ns, 5V		2.25	1.9
9802	+	27C512-25 	DIP-28	64k x 8	250ns, 5V		1.95	1.7
9790	+	27C512-20�	DIP-28	64k x 8	200ns, 5V	2.49	2.25	1.9
9781	+	27C512-15�	DIP-28	•	150ns, 5V	2.75	2.49	2.2
98234	ST	M27C512-15F1 ≈	FDIP-28	64k x 8	150ns, 5V	3.25	2.95	2.7
9773	+	27C512-124	DIP-28	64k x 8	120ns, 5V	2.95	2.75	2.4
98226	ST	M27C512-12F1 ₹	FDIP-28	64k x 8	120ns, 5V	3.49	3.25	2.9
31959	+	27C512-104	DIP-28	64k x 8	100ns, 5V	3.25	2.95	2.7
98218	ST	M27C512-10F1 ₹	FDIP-28	ı	100ns, 5V	3.55	3.29	3.0
75206	+	27C512-904	DIP-28	64k x 8	90ns, 5V	3.49	3.25	2.9
98306	ST	M27C512-90F1 ₹			90ns, 5V, C-tem		3.49	3.2
98314	ST	M27C512-90F6 ₹			90ns, 5V, I-tem		3.49	3.2
03625	+	27C512-70	DIP-28		70ns, 5V		3.75	3.4
18148	+	27C1024-15			150ns, 5V		4.49	4.2
03641	*	27C1024-13			120ns, 5V		4.75	4.4
9651	+	27C1024-12 27C010-15�		•	150ns, 5V		3.25	2.9
	ST	_		•	150ns, 5V			
97987		M27C1001-15F1₹					3.95	3.7
4624	*	27C010-124			120ns, 5V		3.49	3.2
97961	ST	M27C1001-12F1₹			120ns, 5V		4.25	3.9
9231	*	27C010-104			100ns, 5V		3.75	3.4
97944	ST	M27C1001-10F1₹			100ns, 5V		4.49	4.2
46149	+	27C010-70�			70ns, 5V		3.95	3.7
98007	ST	M27C1001-70F1₹			70ns, 5V		4.49	4.2
66095	+	27C010-55			55ns, 5V		4.75	4.4
5699	+	27C020-15�			150ns, 5V		3.49	3.2
8852	+	27C020-12 			120ns, 5V		3.75	3.4
98031	ST	M27C2001-12F1 ₹	FDIP-32	256k x 8	120ns, 5V	5.49	4.95	4.4
	hod D	acked by Jameco †	FDIP - Co	ramic frit sea	d			

EPR0	Ms (Continued)				*w	eb Code:	XAF
Part No.	•Mfr.	Cross Ref.	Pkg.†	Config.	Description	1	10	100
156267	+	27C020-10	DIP-32	256k x 8	100ns, 5V	\$4.25	\$3.95	\$3.75
698023	ST	M27C2001-10F1₹	FDIP-32	256k x 8	100ns, 5V	. 5.95	5.49	4.95
127933	+	27C4096-12	DIP-40	256k x 16	120ns, 5V	. 5.95	5.49	4.95
698197	ST	M27C4002-10F1₹	FDIP-40	256k x 16	100ns, 5V	. 6.95	6.49	6.25
85462	+	27C040-15�	DIP-32	512k x 8	150ns, 5V	. 4.49	4.25	3.95
698171	ST	M27C4001-15F1 ₹	FDIP-28	512k x 8	150ns, 5V	. 6.75	6.19	5.75
102293	+	27C040-124	DIP-32	512k x 8	120ns, 5V	. 4.95	4.75	4.49
698154	ST	M27C4001-12F1₹	FDIP-28	512k x 8	120ns, 5V	. 6.95	6.25	5.49
111780	+	27C040-104	DIP-32	512k x 8	100ns, 5V	. 5.49	4.95	4.49
698146	ST	M27C4001-10F1 ≈	FDIP-28	512k x 8	100ns, 5V	. 7.95	6.95	5.95
203676	+	27C040-80	DIP-32	512k x 8	80ns, 5V	. 5.75	5.25	4.75
698189	ST	M27C4001-80XF1	FDIP-28	512k x 8	80ns, 5V (±5%)	. 7.95	6.95	5.95
266124	+	27C040-70	DIP-32	512k x 8	70ns, 5V	. 5.95	5.49	4.95
140003	+	27C080-124	DIP-32	1M x 8	120ns, 5V	6.75	6.19	5.75
156275	+	27C080-104	DIP-32	1M x 8	100ns, 5V	. 6.95	6.49	5.95
698357	ST	M27C801-100F1 ₹	FDIP-32	1M x 8	100ns, 5V (±10%)	7.49	6.75	6.25
203684	+	27C080-90	DIP-32	1M x 8	90ns, 5V	. 7.49	6.75	6.25
Refurbis	shed = B	acked by Jameco †F	DIP = Cer	amic frit seal				

EPROM Accessory

OTP/	PR	0Ms				*w	eb Code:	WAG
Part No.	•Mfr.	Cross Ref.	Pkg.	Config.	Description	1	10	100
48717	+	74S288	DIP-16	32 x 8	256-bit, 5V, 25ns, PROM	\$9.95	\$8.95	\$7.95
27844	+	N82S23	DIP-16	32 x 8	256-bit, 7V, 50ns, PROM	5.95	5.49	4.95
27764	+	N82S123	DIP-16	32 x 8	256-bit, 7V, 50ns, PROM	11.95	10.95	9.95
48696	+	74S287 ©	DIP-16	256 x 4	1-kbit, 5V, 30ns, PROM	10.95	9.95	7.95
48805	+	74S387	DIP-16	256 x 4	1-kbit, 5V, 30ns, PROM	3.95	3.75	3.49
27772	+	N82S126	DIP-16	256 x 4	1-kbit, 5V, 50ns, PROM	7.95	6.95	5.95
27781	+	N82S129	DIP-16	256 x 4	1-kbit, 7V, 50ns, PROM	10.95	9.95	8.95
27810	+	N82S181	DIP-24	1k x 8	8-kbit, 7V, 70ns, PROM	8.95	7.95	6.95
27836	+	N82S191	DIP-24	2k x 8	16-kbit, 7V, 35ns, PROM	8.95	7.95	6.95
394978	ATM	AT27C256R-45JI	PLCC-32	32k x 8	256-kbit, 45ns OTP, LP, I-temp.	2.75	2.49	2.25
394986	ATM	AT27C256R-45PU₹	DIP-28	32k x 8	256-kbit, 45ns OTP, LP, I-temp.	1.25	1.15	1.05
395081	ATM	AT27C512R-70PU ₹	DIP-28	64k x 8	512-kbit, 5V, 70ns, I-temp., OTP	1.35	1.19	1.09
203692	+	27C512-12	DIP-28	64k x 8	512-kbit, 5V, 100ns, OTP	1.35	1.19	1.09
394708	ATM	AT27C010-70PU	DIP-32	128k x 8	1-Mbit, 5V, 70ns, I-temp., OTP.	1.95	1.75	1.49
⊘ Blue F	art No	. = Limited Quantit	y Availal	ole				

EEPR	0Ms		Please No	te: Manufacturer may vary	★ Web	Code:	GAM
Part No.	Cross Ref.	Pkg.	Config.	Description	1	10	100
102058	93C46	DIP-8	64 x 16	3-wire serial, 2-5V	\$.25	\$.22	\$.19
108855	93C56	DIP-8	128 x 16	3-wire serial, 2-5V	25	.22	.19
200598	93C66	DIP-8	256 x 16	3-wire Serial, 2-5V	25	.22	.19
108847	24C04P	DIP-8	512 x 8	2-wire serial, 2-5V	45	.39	.35
200547	24C08-10	DIP-8	1k x 8	2-wire serial, 2-5V	45	.39	.35
200555	24C16-10	DIP-8	2k x 8	2-wire serial, 5V	45	.39	.35
276699	28C16	SOIC-24	2k x 8	Page parallel, 5V	2.49	2.25	1.95
74691	28C16A-25	DIP-24	2k x 8	Page parallel, 5V	3.95	3.75	3.49
276701	28C17	DIP-28	2k x 8	Page parallel, 5V	3.95	3.75	3.49
40416	2817A-25	DIP-28	2k x 8	Page parallel, 5V	3.95	3.75	3.49
74827	28C64A-25	DIP-28	8k x 8	Page parallel, 5V	3.75	3.49	3.25
40475	2865A	DIP-28	8k x 8	5V	4.95	4.49	3.95
200580	24C256-10	DIP-8	32k x 8	2-wire serial, 2-5V	1.49	1.35	1.19
74878	28C256-25	DIP-28	32k x 8	Page parallel, 5V	5.95	5.49	4.95
74843	28C256-15	DIP-28	32k x 8	Page parallel, 5V	6.95	6.25	5.49
276832	24C512	DIP-8	64k x 8	2-wire serial, 2-5V	1.95	1.75	1.49
276912	24C1024	DIP-8	128k x 8	2-wire serial, 2.7-5V	4.95	4.49	3.95

^	126	SIVIDUS	Available	Online —	Enter	vveb	coae	ЭH

* ATM = Atmel Semiconductor | ST = ST Micro | ★ Manufacturer Varies

ROHS compliant product 🕀 This product is available in both ROHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166



628512LP-70



242448 157358

280049

★ Pull = Extra Savings

Flash	Memory	1	Please	Note: Manufacturer may va	ry *V	Veb Code	: KAJ
Part No.	Cross Ref.	Pkg.	Config.	Description	1	10	100
74771	28F010-15	DIP-32	128k x 8	150ns, 5V	\$2.75	\$2.49	\$2.25
242587	29F010-120	DIP-32	128k x 8	120ns, 5V	2.05	1.85	1.65
242595	29F010-90	DIP-32	128k x 8	90ns, 5V	2.95	2.75	2.49
242608	29F010-70	DIP-32	128k x 8	70ns, 5V	3.25	2.95	2.75
74835	28F020-15	DIP-32	256k x 8	150ns, 5V	6.95	6.25	5.49
242616	29F020-12	DIP-32	256k x 8	120ns, 5V	7.95	6.95	5.95
242659	29F040-120	DIP-32	512k x 8	120ns, 5V	2.49	2.25	2.05
242667	29F040-90	DIP-32	512k x 8	90ns, 5V	2.95	2.75	2.49
	+ FI/ D	DI. J. EL.	ab Arrailab	la Oulina - Futan Mah C	1/1	,	

5V Boot Block Flash Available Online — Enter Web Code MEH

*Page Mode Flash Available Online — Enter Web Code BCR

DRAN	1		Please Note: Manufacturer may vary			* Web Code: AEN		
Part No.	Cross Ref.	Pkg.	Config.	Description	1	10	100	
41662	4164-150★	DIP-16	64k x 1	150ns (MCM6665-15)	\$.99	\$.89	\$.79	
41574	41464-10★	DIP-18	64k x 4	100ns (HY53C464S-10)	1.69	1.59	1.45	
41398	41256-120★	DIP-16	256k x 1	120ns (MB81256-12)	79	.69	.59	
42315	514256P-80★	DIP-20	256k x 4	80ns (UPD424256-80)	1.49	1.35	1.19	
128688	HM514260AJ7★	SOJ-20	256k x 16	70ns	2.95	2.75	2.49	
42219	511000P-10	DIP-18	1M x 1	100ns (M5M4C1000-10)	2.25	1.95	1.75	
★ Pull = E	xtra Savings							

*SDRAMs Available Online — Enter Web Code RAY

Statio	c RA	M				* Web Code:	WAF
Part No.	●Mfr.	Product No.	Pkg.	Config.	Description	1	10
38931	+	2111-1	DIP-18	256 x 4	1-Kbit, 5V, 500ns	\$1.95	\$1.75
42198	+	5101★	DIP-22	256 x 4	1-Kbit, 5V, 450ns	7.95	6.95
38957	+	2114N	DIP-18	1k x 4	4-Kbit, 5V, 450ns		1.75
43238	+	6514	DIP-18	1k x 4	4-Kbit, 5V, 300ns	2.95	2.75
38973	+	2114N-2	DIP-18	1k x 4	4-Kbit, 5V, 200ns	<mark> 2.19</mark>	1.95
38981	+	2114N-2L	DIP-18	1k x 4	4-Kbit, 5V, 450ns, LP	2.35	2.19
38746	+	2016-20★	DIP-24	2k x 8	16-Kbit, 5V, 200ns		.79
114260	DAL	DS1220Y-150	DIP-24	2k x 8	16-Kbit, 5V, 150ns, NV	12.95	10.95
25911	+	MK48Z02B-15	DIP-24	2k x 8	16-Kbit, 5V, 150ns	7.95	6.95
42809	+	6116P-3★	DIP-24	2k x 8	16-Kbit, 5V, 150ns		1.55
42753	+	6116LP-3★	DIP-24	2k x 8	16-Kbit, 5V, 150ns, LP	<mark> 1.85</mark>	1.65
42788	+	6116P-1★	DIP-24	2k x 8	16-Kbit, 5V, 100ns		1.65
42737	+	6116LP-1★	DIP-24	2k x 8	16-Kbit, 5V, 100ns, LP		1.75
242683	CPS	CY7C128A-45	DIP-24	2k x 8	16-Kbit, 5V, 45ns, Asyn	ch <mark> 2.95</mark>	2.75
242333	+	CY7C185-35	DIP-28	8k x 8	64-Kbit, 5V, 35ns, Asyn	ch <mark> 2.49</mark>	2.25
1927473	ALM	AS6C6264-55PCN₹	PDIP-28	8k x 8	64k LP, 55ns, 2.7- 5.5V, C-	temp 2.75	2.49
85121	+	6264LP-70	DIP-28	8k x 8	64-Kbit, 5V, 70ns, LP		3.49
42884	+	6264LP-10★	DIP-28	8k x 8	64-Kbit, 5V, 100ns, LP	2.95	2.75
42921	+	6264P-10★	DIP-28	8k x 8	64-Kbit, 5V, 100ns	2.75	2.49
42892	+	6264LP-12★	DIP-28	8k x 8	64-Kbit, 5V, 120ns, LP	2.75	2.49
42930	+	6264P-12★	DIP-28	8k x 8	64-Kbit, 5V, 120ns	2.49	2.25
114278	DAL	DS1225AB-15	DIP-28	8k x 8	64-Kbit, 5V, 150ns, NV	14.95	12.95
114307	DAL	DS1225Y-200	DIP-28	8k x 8	64-Kbit, 5V, 200ns, NV	12.95	11.95
242376	+	CY7C199P-35	DIP-28	32k x 8	256-Kbit, 5V, 35ns, LP F	Asynch 1.95	1.75
1927414	ALM	AS6C62256-55PCN	PDIP-28	32k x 8	256k LP, 55ns, 2.7-5.5V, C	-temp 2.95	2.75
242499	DAL	DS1230Y-70	DIP-28	32k x 8	256-Kbit, 4.5V, 70ns, W	P 17.95	15.95
177113	DAL	DS1230Y-100	DIP-28	32k x 8	256-Kbit, 5V, 100ns, NV	13.95	11.95
114323	DAL	DS1230Y-150	DIP-28	32k x 8	256-Kbit, 5V, 150ns, NV	12.95	10.95
41970	+	43256-10L★	DIP-28	32k x 8	256-Kbit, 5V, 100ns, LP	3.95	3.75
41988	+	43256-12L★	DIP-28	32k x 8	256-Kbit, 5V, 120ns, LP	3.75	3.49
75037	+	UM61M256K-15	DIP-28	32k x 8	256-Kbit, 5V, 15ns	2.95	2.75
82472	+	62256LP-70	DIP-28	32k x 8	256-Kbit, 5V, 70ns, LP	2.75	2.49
391793	CPS	CY62256L-70PC	DIP-28	32k x 8	256-Kbit, 5V, 70ns	2.95	2.75
★ Pull = E	xtra Sav	ings					

Static RAM (Continued)						*Web Code	: WAF
Part No.	•Mfr.	Product No.	Pkg.	Config.	Description	1	10
391822	CPS	CY62256LL-70PC	DIP-28	32k x 8	256-Kbit, 5V, 70ns, LP	\$2.95	\$2.75
391890	CPS	CY62256LL-70SNC	SOIC-28	32k x 8	256-Kbit, 5V, 70ns, LP.	2.95	2.75
42876	+	62256LP-85	DIP-28	32k x 8	256-Kbit, 5V, 85ns, LP .	2.65	2.45
42833	+	62256LP-10★	DIP-28	32k x 8	256-Kbit, 5V, 100ns, LP	2.49	2.25
42850	+	62256LP-12★	DIP-28	32k x 8	256-Kbit, 5V, 120ns, LP	2.25	2.05
279831	CPS	CY7C199-25VC	SOJ-28	32k x 8	256-Kbit, 5V, 25ns	1.75	1.49
1927799	ALM	AS7C1026B-12JCN₹	SOJ-44	64k x 16	1M, 12ns, 5V, C-temp	3.49	3.25
1927457	ALM	AS6C1008-55PCN₹	PDIP-32	128k x 8	1M LP, 55ns, 2.7-5.5V,	C-temp 3.95	3.75
391831	CPS	CY62128BLL-70SC	SOIC-32	128k x 8	1-Mbit, 5V, 70ns, LP	2.49	2.25
391996	CPS	CY62128BLL-70ZC	TSSOP-32	128k x 8	1-Mbit, 5V, 70ns, LP	2.95	2.75
131810	+	628128LP-70	DIP-32	128k x 8	1-Mbit, 5V, 70ns, LP	<mark> 6.95</mark>	5.95
103982	+	628128LP-85★	DIP-32	128k x 8	1-Mbit, 5V, 85ns, LP	<mark> 5.95</mark>	5.49
1927617	ALM	AS6C4008-55PCN₹	PDIP-32	512k x 8	4M LP, 55ns, 2.7-5.5V, C	temp 5.95	5.49
242448	+	BS62LV4006PIP-55	PDIP-32	512k x 8	4M LP, 55ns, 2.4-5.5V, I-	temp 18.95	16.95

DIP-32 512k x 8 4-Mbit, 5V, 70ns, LP 17.95 15.95

SOP-32 512k x 8 4-Mbit, 5V, 20ns, Asynch. ... 4.95 4.49

PALS, GALS & PEELS					* Web Code	: YAD
Part No.	•Mfr.	Cross Ref.	Pkg.	Description	1	10
28020	+	PAL16L8	DIP-20	Octal 16-input AND-OR-INVERT gate a	array \$1.95	\$1.75
111667	+	PAL16R6ANC	DIP-20	TTL, 32 x 64 AND array	1.49	1.25
652615	+	GAL16V8-7	DIP-20	7ns 64 x 32 AND array	1.95	1.75
88399	+	GAL16V8-10*	DIP-20	10ns 64 x 32 AND array	1.85	1.65
37452	+	GAL16V8-15*	DIP-20	15ns 64 x 32 AND array	1.09	.99
37461	+	GAL16V8-25*	DIP-20	25ns 64 x 32 AND array	99	.89
88292	+	GAL20V8-10**	DIP-24	10ns 64 x 40 AND array	2.95	2.75
38658	+	GAL20V8-15**	DIP-24	15ns 64 x 40 AND array	1.95	1.75
105996	ANA	22CV10AP-25	DIP-24	25ns 132 x 44 AND array, PEEL	2.95	2.75
123801	+	GAL22V10-10	DIP-24	10ns 132 x 44 AND array	3.95	3.75
876951	LAT	GAL22V10D-15LP	DIP-24	15ns 132 x 44 AND array	5.95	5.49
39159	+	GAL22V10-15	DIP-24	15ns 132 x 44 AND array	3.75	3.49
39167	+	GAL22V10-25	DIP-24	25ns 132 x 44 AND array	3.49	3.25
0.41			1400 DI D		1 1	

GALs are electrically erasable, CMOS PLDs that can be reprogrammed and can be used in place of numerous PALs

Replaces PALs: 10H8, 10L8, 10P8, 12H6, 12L6, 12P6, 14H4, 14L4, 14P4, 16H2, 16H8, 16L2, 16L8, 16P2, 16P8, 16R4, 16R6, 16R8, 16RP4, 16RP6,16RP8, 14H8, 14L8, 14P8, 16H6, 16L6, 16P6

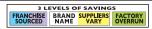
** Replaces PALs: 18H4, 18L4, 18P4, 20H2, 20H8, 20L2, 20L8, 20P2, 20P8, 20R4, 20R6, 20R8,

*CPLDs, FLEX FPGAs Available Online — Enter Web Code SAZ

DA!	LAS Dalla	ıs Ser	miconductor	*N	/eb Code.	: QDH
Part No.	Mfr. Part No.	Pkg.	Description	1	10	100
866584	DS275	DIP-8	Line powered RS-232 transceiver chip	\$4.75	\$4.49	\$3.95
114198	DS1210	DIP-8	NV controller chip	. 3.75	2.95	2.25
114219	DS1213C	DIP-28	Smart socket	15.95	14.95	13.95
133410	DS1216C	DIP-28	Smart watch/RAM	26.95	23.95	18.95
114331	DS1232LP	DIP-8	Micromonitor chip	. 1.69	1.35	1.09
697231	DS1243Y-120+ ₹	PDIP-28	64k NV SRAM w/ phantom clock	23.95	21.95	19.95
133444	DS1286	DIP-28	Watchdog timekeeper	19.95	17.95	15.95
76646	DS1287★	DIP-24	Real time clock chip	. 7.95	7.25	6.49
176778	DS1302	DIP-8	Trickle charge time keeping	. 2.59	2.05	1.49
780481	DS1302+ ₹	PDIP-8	Trickle charge time keeping chip, C-temp	2.75	2.19	1.65
1194679	DS1307 ₹	DIP-8	5V, 64 x 8 serial I2C real time clock, C-temp	2.95	2.75	2.49
114382	DS1620	DIP-8	Digital thermometer and thermostat .	. 5.25	4.49	2.95
865936	DS18B20	TO-92	Prog. resolution 1-wire digital thermometer	4.25	3.75	3.49
133452	DS12887★	DIP-24	Real time clock chip	. 5.95	4.95	3.75
★ Pull = Ex	tra Savings					

* ALM = Alliance Memory | ANA = Anachip | CPS = Cypress Semiconductor | DAL = Dallas Semiconductor | LAT = Lattice Semiconductor | 🛧 Manufacturer Varies

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



BRAND SUPPLIERS FACTORY OVERRUN

* Moh Codo: DAV

Voice Chips

Microcontrollers

MCH

MTA

ATM

ATM

ATM

NXP

NXP

MTA

MTA

MTA

MTA

Mfr. Mfr. Part No.

Part No.

145040

144258

223790

223781

312514

128338

193341

193359

145111

145120

193332

246861 247097

312733

193439

193447

246756

223749

247142

223757

312590

312611

223765

223773

246895

246941

246975

193367

247011

176882

247046

247038

247994

248031

248057

248111

312303

248330 323133

765302

689039

1537061

248217

699552

699579

323141

395621

917687

168874

204089

168911

168903

* Web Code: XAU

* Web Code: PAV

512 OTP, 4MHz, 5 I/O, C-temp \$.95

1k OTP, 4MHz, 5 I/O, C-temp95

1k flash, 20MHz, 6 I/O, I-temp 1.09

2k flash, 20MHz, 6 I/O, I-temp 1.29

512 OTP, 4MHz, 12 I/O, C-temp 1.39

2k OTP, 4MHz, 20 I/O, C-temp 1.95

1k OTP, 4MHz, 13 I/O, C-temp 2.25

1k flash, 4MHz, 13 I/O, C-temp 3.55

1k flash, 10MHz, 13 I/O, C-temp 6.95

1k flash, 20MHz, 13 I/O, C-temp 3.75

1k flash, 20MHz, 13 I/O, I-temp 3.95

4k flash, 20Mhz, 16 I/O, I-temp 3.75

4k flash, 20Mhz, 16 I/O, I-temp 3.25

1k flash, 20MHz, 16 I/O, C-temp 2.95

2K flash, 20MHz, 16 I/O, C-temp 3.49

2k flash, 20MHz, 16 I/O, I-temp 3,49

1k flash, 20MHz, 12 I/O, I-temp 1.29

4k flash, 20Mhz, 16 I/O, I-temp 2.25

1k flash, 20MHz, 12 I/O, I-temp 1.29

2k flash, 20MHz, 12 I/O, I-temp 1.59

4k flash, 20MHz, 12 I/O, I-temp 2.25

1k flash, 20MHz, 16 I/O, I-temp 2.49

2k flash, 20MHz, 16 I/O, I-temp 2.95

2k flash, 20MHz, 22 I/O, I-temp 2.95

2k flash, 20MHz, 22 I/O, I-temp 2.95

4k flash, 20MHz, 22 I/O, I-temp 3.95

8k flash, 20MHz, 22 I/O, C-temp 5.39

8k flash, 20MHz, 22 I/O, I-temp 4.45

8k flash, 20MHz, 22 I/O, C-temp 5.65

8k flash, 20MHz, 33 I/O, I-temp 5.65

8k flash, 20MHz, 33 I/O, I-temp...... 4.75

32k flash, 40MHz, 23 I/O, I-temp 5.39

32k flash, 40MHz, 34 I/O, I-temp 5.95

32k flash, 40MHz, 33 I/O, I-temp 6.95

8k flash, 40MHz, 16 I/O, I-temp 3.95

48k flash, 40MHz, 25 I/O, I-temp 6.95

8kB flash, 16MHz, 23 I/O, I-temp 2.95

6kB flash, 16MHz, 32 I/O, I-temp 4.75

1kB flash, 20MHz, 6 I/O, I-temp 1.39

2kB flash, 10MHz, 18 I/O, I-temp 2.05

2k flash, 20MHz, 18 I/O, I-temp 2.15

2kB flash, 16MHz, 16 I/O, C-temp 2.05

128 x 8 RAM, LV (2.7-5.5V), LP, hi-spd (33MHz) .. 1.95

256 x 8 RAM, LV (2.7-5.5V), LP, hi-spd (33MHz) .. 2.05

8kB flash, 16MHz, 35 I/O, C-temp 3.49

8kB flash, 8MHz, 35 I/O, C-temp 3.49

Clock calendar w/ 240 x 8 RAM 2.95

2kB flash, 24MHz, 15 I/O, C-temp 1.09

4kB flash, 24MHz, 15 I/O, C-temp 1.95 4kB flash, 24MHz, 32 I/O, C-temp 3.95

4kB flash, 24MHz, 32 I/O, C-temp 3.95

25

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3.75

3.19

2.95

2.49

3 25

3.25

1.19

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1.25

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1 95

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2.75

2.75

3.75

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5.45

5.45

4.55

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6.75

3.49

6.25

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3.49

3.49

Single-Chip Voice Record/Playback Devices

MCH PIC12C509A-04/P₹ DIP-8

MCH PIC12F629-I/P₹ DIP-8

MCH PIC16C54A-04/P₹ DIP-18

MCH PIC16F84A-20/P ₹ DIP-18

MCH PIC16F84A-20I/P₹ DIP-18

MCH PIC16F628-20/P2 DIP-18

MCH PIC16F628-20I/P₹ DIP-18

MCH PIC16F630-I/P₹ DIP-14

MCH PIC16F819-I/P₹ DIP-18

PIC16F870-I/SP DIP-28

PIC16F872-I/SP₹ DIP-28

PIC16F876-20/SP₹ DIP-28

PIC16F877A-I/L PLCC-44

PIC16F877A-I/P**₹** DIP-40

PIC18F458-I/P**₹** DIP-40

PIC18F2525-I/SP₹DIP-28

ATMEGA16-16PU₹ DIP-40

ATTINY2313V-10PU₹ DIP-20

ATTINY2313-20PU₹ DIP-20

ATMFGA8515-16PC DIP-40

ATMFGA8515I -8PC DIP-40

AT89C2051-24PU₹ DIP-20

AT89C4051-24PC DIP-20

ATM ATTINY13-20PU₹ DIP-8

ATTINY26-16PC

P80C31SBPN 2

P80C32SBPN₹

PCF8583PN₹

AT89C51-24 IC

ATM AT89C51-24PC

DIP-28

DIP-20

DIP-40

DIP-40

DIP-8

PLCC-44

DIP-40

ATM ATMFGA8-16PI

MCH PIC16F877-20/P₹ DIP-40

MCH PIC16F676-I/P₹

MCH PIC16F684-I/P 8

MCH PIC16F688-I/P 2

MCH PIC16F818-I/P₹

PIC16F87-I/P2

PIC16F88-I/PZ

PIC16C711-04/P₹ DIP-18

PIC16F84A-04/P₹ DIP-18

PIC16F84-10/P₹ DIP-18

PIC16F627-20/P₹ DIP-18

PIC16F648A-I/P₹ DIP-18

MCH PIC12F675-I/P₹

· Manual switch or microprocessor controllable

Directly cascadable for longer durations

Single voltage operation: +5V (4.5V to 5.5V operating range)

Typical 100k record cycles, 1µA standby current and 100 year message retention

 Playback can be edge or level-activated 28-pin DIP

Pkg.

DIP-8

DIP-18

DIP-18

DIP-14

DIP-14

DIP-18

Part No.	Mfr. Part No.	Description 1	10	50
141671	ISD1110P	Voice record/playback (10 sec.)\$6.95	\$6.25	\$5.49
141655	ISD25120P	Voice record/playback (120 sec.) 14.95	13.95	12.95

IVIICIO	web code	. PAV				
Part No.	•Mfr.	Mfr. Part No.	Pkg.	Description	1	25
168920	ATM	AT89C52-24PC	DIP-40	8kB flash, 24MHz, 32 I/O, C-tem	p \$3.95	\$3.49
355830	ATM	AT89S51-24PC	DIP-40	4kB flash, 33MHz, 32 I/O, C-tem	p 1.75	1.65
220871	ATM	AT89S52-24JI	PLCC-44	8kB flash, 24MHz, 32 I/O, I-tem	o 1.35	1.25
662637	ATM	AT89S52-24PC	DIP-40	8kB flash, 24MHz, 32 I/O, C-tem	ıp 1.75	1.65
168946	ATM	AT89C55WD-24PC	DIP-40	20kB flash, 24MHz, 32 I/O, C-te	mp 3.49	3.25
114403	DAL	DS80C320-MCG	DIP-40	High speed LP micro, C-temp	10.95	8.95
204097	ATM	AT89S8252-24PC	DIP-40	8kB flash, 24MHz, 32 I/O, C-tem	p 6.95	6.25
1951035	ATM	AT89S8253-24PU ₹	DIP-40	12kB flash, 24MHz, 32 I/O, I-ten	np 3.95	3.49

50MIPS SX Microcontroller PARALLAX R

Microcontrollers (Continued)

Part No.	Mfr. Part No.	Description	1	10
162931	SX28AC/DP%	DIP-28 50MIPS SX microcontroller	\$2.95	\$2.75

PARALLAX R **Propeller Microprocessor Chip**

The Propeller module is a multi-processing chip, with shared memory and a built-in interpreter for programming in a high-level object-oriented language, called Spin™, and low-level (assembly) language.

Complete specifications & photos on page 165 or online

Part No.	Mfr. Part No.	Pkg. 1	10
2007134	P8X32A-D40 ₹	DIP-40	\$12.35
2007142	P8X32A-M44 ₹	QFN-44	12.35
2007151	P8X32A-Q44 ≉	LQFP-44 12.95	12.35

*Ethernet Controllers Available Online — Enter Web Code LAE



80C52-Basic Microcontroller

A custom-masked microcontroller with a full-featured 8k-byte ROM-resident BASIC-52 interpreter. 256 x 8-bit RAM.

- Full BASIC interpreter in ROM on a single chip Operates DC to 12MHz
- "Stand-alone" software development
 On-chip oscillator and clock circuit
- Interrupts can be handled by BASIC or Assembly Language

Part No.	Mfr. Part No.	Description	1	10	100
125647	80C52BASIC	40-pin CPU 8-bit CMOS w/ BASIC interpreter	\$33.95	\$31.95	\$29.95

PIC™ Programmer Board

- Regularly updated list of microcontrollers through Velleman's website (www.vellemanusa.com)
- On-board configurable 40-pin ZIF socket
- Easy to use programming PICprog2006 software included
 - On-board "In Circuit Programming" DSUB-9 connector
 - Power supply: 15VDC @ 300mA adapter (recommend P/N 190001, pg 105)
- Supports over 50 PIC products. Visit <u>www.vellemanusa.com</u> for details
- Size: 5.3"L x 2.6"W

System requirements: IBM compatible PC, Pentium or better, Windows[®] 98/ME/NT/XP/Vista, CDROM drive, RS-232 port

Part No.	Mfr. Part No.	Description	Price
2006844	VM134	PIC™ programmer board	\$89.95

MICROCHIP PICkit™ 2 Microcontroller Starter Kit

The PICkit™ 2 microcontroller programmer is a low cost development programmer. It is capable of programming most of Microchip's Flash microcontrollers. New device support can be added by updating the operating system. The latest firmware is available on Microchip's website. This kit includes PICkit™ 2 microcontroller programmer, USB cable and CD ROM.



Part No.	Mfr. Part No.	Description	Price
697338	DV164120 ≈	Programmer starter kit	\$69.95

* ATM = Atmel Semi | DAL = Dallas Semi | MCH = Microchip | NXP = NXP/Philip Semiconductor

 RoHS compliant product This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version.













Encodors/Dogodors





KAE Servo Controller

* Web Code: YBC

See page 29 for Serial LCD Modules

Controller operates from standard 8-bit serial interface (RS232 or RS485). Using RS485, any mix of up to 32 controllers may be operated from a single serial port. Complete documentation.

146472: PIC-SERVO Motion Control Chipset for DC Motors

- · For DC motors with digital encoders
- 32-bit position, velocity and acceleration resolution
- · PWM and direction outputs connect to servo amplifier
- Two chipset (PIC-SERVO V.4, 28-pin and PIC-ENC V.1, 18-pin)

323934: PIC-SERVO SC Servo Motion Control I.C.

- For DC motors (brush or brushless w/ incremental encoder feedback)
- Serial interface connects to RS232/485/422 communication port
- Position control, velocity control, trapezoidal profiling, plus step and direction inputs

Part No.	Mfr. Part No.	Package	1	10	50
146472	KAE-T0V4-DPS	DIP-28/18, 0.3"	\$35.95	\$32.95	\$30.95
323934	KAE-T0V10-DP	DIP-28, 0.3"	29.95	26.95	24.95

KAE **Smart Serial Adapter**

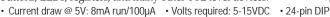
Serial Converter/Stand Alone Host Controller

- · Supports USB or RS232 serial interface
- Up to 32 NMC PIC-SERVO, PIC-STEP, PIC-I/O modules can be controlled from a single smart serial adapter
- RS232 operation supports baud rates from 19,200 to 115,200
- Supports Windows[®], LINUX, Mac[®] OS, and other operating systems
- · May be used as a stand alone host w/ either the simple sequencer chip or a PIC 18F2620 MCU • On board connector for MICROCHIP MPLAB ICD2

Part No.	Mfr. Part No.	Description	Price
1586120	KAE-SSA45-BDV1	Smart serial adapter	\$99.95

PARALLAX 7 BASIC Stamp

Ideal for controller applications including robotics, radiocontrolled interfaces of a digital camera, and much more. The BS2-IC has 16 I/O lines. Each can be connected directly to buttons, LEDs, registers, and many other TTL level devices.



Microcontroller: PIC16C57
 Program speed: 4000/sec.
 Size: 1.2"L x 0.6"W

Includes: Embedded BASIC plus instruction sets; basic interpreter, EEPROM (non-volatile), a resonator and 5V regulator

Part No.	Mfr. Part No.	Pkg. 1	10
130892	BS2-IC ≉	24-pin	\$43.95

50MHz BASIC Stamp 2SX Module PARALLAX 7

- Program execution speed: 10,000 instructions/sec
- Current draw @ 5V: 60mA run; 200µA sleep
- Volts required: 5-12 VDC RAM size: 32 bytes
- Scratch pad RAM: 64 bytes
- Microcontroller: Ubicom SX28AC

Part No.	Mfr. Part No.	Pkg.	No. of I/O Pins	1	10
159775	BS2SX-IC ₹	24-pin	16 + 2 serial	\$58.95	\$52.95

PARALLAX A BASIC Stamp 2P Modules

In addition to the BS2-SX (above) features, these modules include commands for HD44780 compatible LCDs, Dallas Semiconductor 1-wire and Philips I2C parts.

Program execution speed: 12,000 instructions/sec.

HOL = Holtek

- RAM size: 38 bytes (12 I/O, 26 variable)
- · Voltage requirements: 5-12VDC
- Current draw @ 5V: 40mA run; 400µA sleep
 Scratch pad RAM: 128 bytes

Part No.	Mfr. Part No.	Pkg.	No. of I/O Pins	1	10
184911	BS2P24-IC ₹	24-pin	16 + 2 serial	\$78.95	\$70.95
184920	BS2P40-IC ₹	40-pin	32 + 2 serial	88.95	79.95
	_	405.6		1614	

34920	See nac	<u> </u>	or Parallax Chips, Boards &		79.95
	ooo pag	,0 100 10	Taranax ompo, Doarao a	71710	

MAX = Maxim Semiconductor

Inter	face	Series			* Web Code	: RBU
Part No.	●Mfr.	Cross Ref.	Pkg.	Description	1	1
1291647	MCH	TC4420CPA	DIP-8	6A high speed MOSFET driver	\$1.29	\$1.0
312160	MAX	MAX7219CNG	DIP-24	5V, 8 digit LCD driver	8.49	6.9
241824	MOT	MC14489BP	DIP-20	5V, 7-segment LED display driver	3.95	2.7
277940	+	SN75179BP	DIP-8	5V, diff line driver/receiver	<mark>99</mark>	.8
51027	+	SN75451AN	DIP-8	7V, dual peripheral AND driver		.4
277974	+	SN75183N ₹	DIP-14	5V, dual diff line driver		1.7
51131	+	SN75492P	DIP-14	5V, HEX digit driver	4.95	4.4

*Interface Controllers Available Online — Enter Web Code HAS

e-lab	*N	* Web Code:				
Part No.	Mfr. Part No.	Pkg.	Description	1	10	50
171951	EDE702 ₹	DIP-18	Serial LCD interface	\$7.19	\$6.75	\$6.25
321710	EDE707₹	DIP-28	Octal 7-segment LED display decoder	7.19	6.75	6.25
171969	EDE1144 ₹	DIP-18	Keypad encoder	5.19	4.95	4.75
141532	EDE1200₹	DIP-18	Unipolar stepper motor controller	6.39	5.95	5.35
157526	EDE1204 ₹	DIP-18	Bipolar stepper motor controller	6.39	5.95	5.35
321736	EDE2008 ₹	DIP-18	Pushbutton debouncer w/ 8-independent chan	4.19	4.09	3.95
321761	EDE2208/P ₹	DIP-18	8-pushbutton momentary to toggle	4.19	4.09	3.95

EIICO	^ VI	reb coae.	: VAK				
Part No.	●Mfr.	Mfr. Part No.	Pkg.	Description	1	10	100
123730	HOL	HT12E	DIP-18	Encoder, 2.4-12V	\$1.75	\$1.55	\$1.35
123748	HOL	HT12D	DIP-18	Decoder, 2.4-12V	1.65	1.45	1.25
296702	MOT	MC145026P	DIP-16	Encoder, 4.5-18V	2.49	2.25	2.05
296711	MOT	MC145027P	DIP-16	Decoder, 4.5-18V	2.95	2.75	2.49

Moto	r/Dis	splay Drive	ers		*W	eb Code	DAD
Part No.	•Mfr.	Mfr. Part No.	Pkg.	Description	1	10	100
25216	ON	MC3479P	DIP-16	7.2-16.5V, stepper motor driver \$3	3.25	\$2.95	\$2.59
1762681	ALL	UDN2981A-T ₹	DIP-18	8-channel source driver	1.79	1.59	1.39
24230	NSC	LM3914N	DIP-18	25V, dot/bar display driver	2.75	2.49	2.25
300003	NSC	LM3914N-1	DIP-18	25V, dot/bar display driver	2.25	1.89	1.39
901010	NSC	LM3914N-1/NOPB 🗷	DIP-18	25V, dot/bar display driver	2.35	1.95	1.45
246625	NSC	LM3914V	PLCC-20	25V, dot/bar display driver	2.49	2.25	1.95
24256	NSC	LM3915N	DIP-18	25V, dot/bar display driver	2.75	2.49	2.25
901061	NSC	LM3915N-1	DIP-18	3dB/step, 30db range dot/bar disp. dvr 2	2.55	2.05	1.55
24272	NSC	LM3916N	DIP-18	3-25V, dot/bar display driver 2	2.75	2.49	2.25
901108	NSC	LM3916N-1	DIP-18	25V, dot/bar display driver	2.45	1.95	1.35

*Motion Control Available Online — Enter Web Code DEU

<u> </u>	Stepper	★ N	* Web Code: GDI			
Part No.	Mfr. Part No.	Pkg.	Description	1	10	100
924545	L293DD ₹	SOIC-20	Push pull 4-ch driver w/ diodes	\$4.49	\$3.75	\$3.25
288067	L297/1	DIP-20	Stepper motor controller, 5V	5.95	5.49	4.95
245403	L298N	MW-15	Dual full-bridge driver, 46V	2.59	2.45	2.25
288091	L6202	DIP-18	DMOS full bridge driver, 48V	5.95	5.49	4.95
288105	L6203 ₹	MW-11	DMOS full bridge driver, 48V	7.95	6.95	6.25
288104	L6203	MW-11	DMOS full bridge driver, 48V	6.95	6.25	5.49

10	MPU :	Superviso	ry	Please Note: Manufacturer may vary	*И	/eb Code	: PAN
95	Part No.	Cross Ref.	Pkg.	Description	1	10	100
95	106219	MAX690CPA	DIP-8	Watchdog timer, 4.4V	\$3.95	\$3.59	\$3.25
	106227	MAX691CPE	DIP-16	Watchdog timer, 4.65V	3.95	3.59	3.25
MO	T = Motorola	NSC = Natio	nal Semico	nductor ON = ON Semi + N	/lanufact	urer Vari	es

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above

MCH = Microchip



ALL = Allegro

RS-232/422/423/485 Drivers, A/D, D/A Converters & Amps



RS-232 Drivers/Receivers					Web Cod	e: EAV	A/D &	D/A	Converte	rs (Co	ntinued)	*N	/eb Code	: QAG
Part No.	•Mfr.	Cross Ref.	Pkg.	Description	1	10	Part No.	•Mfr.	Product No.	Pkg.	Description	1	10	100
142535	+	MAX202CPE	DIP-16	5V, 120kbps, w/ 0.1µF ext. caps	\$2.49	\$2.05	14947	NSC	DAC0808LCN	DIP-16	D/A, 8-bit, 4.5-18V, 150ns	\$1.65	\$1.25	\$.95
244232	+	MAX202CSE	SOIC-16	5V, 120kbps, w/ 0.1µF ext. caps	2.25	1.95	128186	NSC	DAC0832LCN	DIP-20	D/A, 8-bit, 5-15V, 1µs	2.95	2.49	1.95
244241	+	MAX202EPE	DIP-16	5V, 120kbps, w/ 0.1µF ext. caps	2.95	2.49	296690	+	AD7226KN	DIP-20	D/A, 8-bit, 2-12.5V, 4µs, 4-ch	15.95	13.95	11.95
875448	INS	HIN232CP	DIP-16	5V hi spd RS-232 transmitter/receiver		.79	290052	TI	TLC7524CN		D/A, 8-bit, 5-15V, 100ns		2.49	1.95
318960	MAX	MAX232CPE ₹	DIP-16	5V, 200kbps, multichannel		2.15								
318959	MAX	MAX232CPE	DIP-16	5V, 200kbps, multichannel		1.95	Audio	١٨m	nc			* I/I	/eb Code	· MRD
24812	+	MAX232CPE ₹	DIP-16	5V, 200kbps, multichannel		1.75	Audic	AIII	lμs				reb coue.	. IVIDI
24811	+	MAX232CPE*	DIP-16	5V, 200kbps, multichannel		1.65	Part No.	●Mfr.	Product No.	Pkg./Pin	s Description	1	10	100
106147	+	MAX232CWE	SOIC-16			2.15	243678	ADI	OP275GP	DIP-8	Dual JFET audio op amp	\$2.25	\$1.85	\$1.45
256401	+	MAX232DR≉		5V, 120kbps, dual driver/receiver		.59	24037	NSC	LM380N	DIP-14	2-watt, power amp	1.39	1.09	.75
882293	MAX	MAX232ECPE	DIP-16	±15kV ESD-protected, +5V RS-232 trans.		2.75	24088	+	LM383T	TO-220/5	7-watt, high power	5.95	5.49	4.95
106155	+	MAX232EPE	DIP-16	5V, 120kbps, multichannel		3.15	24096	NSC	LM384N	DIP-14	5-watt audio amp	1.49	1.25	.89
106156	+	MAX232EPE	DIP-16	5V, 120kbps, multichannel		2.49	839586	NSC	LM384N/NOPB	DIP-14	5-watt audio power amp	1.55	1.29	.95
903277	TI	MAX232IN	DIP-16	Dual EIA-232 driver/receiver, I-temp		.65	24125	+	LM386N-1⊕*	DIP-8	Low voltage, 250mW/6V		.59	.45
698576	TI	MAX232NR	DIP-16	Dual EIA-232 driver/receiver, C-temp			839826	NSC	LM386N-1/NOPB		Low voltage audio power amp		.79	.55
106163	+	MAX232NP	DIP-10	5V, 120kbps, multichannel		4.75	24133	+	LM386N-3*	DIP-8	Low voltage, 500mW/9V		.49	.39
106171	+	MAX235CPF	DIP-24	5V, 120kbps, multichannel		9.95	295718	NSC	LM1203N	DIP-28	RGB video amp.		5.49	4.95
106171	+	MAX238CNG	DIP-24	5V, 120kbps, multichannel		4.95	24942	ON	MC1350P	DIP-8	Video IF amp. (12V operation)		2.75	2.49
	TI	MC1488N	DIP-24	Quad line driver						TO-220/5				
828043	+	DS1488N*	DIP-14 DIP-14	15V, quad line driver		.35	23270	NSC	LM1875T				2.49	1.95
23157		DS1400N DS14C89N		* 1			23288	NSC	LM1877N-9	DIP-14	Dual power audio amplifier		1.25	.95
16379	+		DIP-14	5V, quad line receiver		1.09	107140	NSC	LM1881N	DIP-8	Video synchronous separator		2.25	1.59
698613	TI	MAX3232CD	SOIC-16			1.15	1416999	ST	TDA2030V ₹		14W hi-fi audio amp		3.25	2.59
235301	+	DS14C232CN	DIP-16	5V, LP, TIA/EIA dual driver/receiver		2.25	275830	TI	OPA2134PA₹	DIP-8	High performance audio op amp.		2.05	1.95
23181	+	SN75189N*	DIP-14	5V, quad line receiver		.29	32897	ST	TDA2002V	TO-220/5	8-watt audio high power amp	4.95	4.49	3.95
25099	+	MC145406P	DIP-16	5-12V, EIA-232-D/V.28 driver/receiver	2.25	1.95	315344	ST	TDA2040V	PWAT-5	20W hi-fi power	2.25	1.95	1.75
10 pcs. II	n Linear	series IC cabinet ki	it, pg 14				320670	NSC	LM3886TF	TO-220/1	1 68W high perf., isol. pkg	5.95	4.95	4.25
DC 44	20144	00/40E D		D			192516	NSC	LM3886T	TO-220/1	1 68W high perf	5.95	4.95	4.25
K3-4₄	22/4	23/485 Dr	ivers/	Receivers *	Web Cod	e: NBT	302201	NSC	LM4752T	TO-220/7	7 Stereo 11W audio power amp	2.95	2.75	2.49
Part No.	•Mfr.	Cross Ref.	Pkg.	Description	1	10	316873	MOT	MC34119D	SOIC-8	LP audio amp. (500mW, 16VDC)	1.19	1.09	.99
299807	+	LTC485CN8	DIP-8	RS-485 LP transceiver, 5V	\$1.75	\$1.49	316865	MOT	MC34119P	DIP-8	LP audio amp. (500mW, 16VDC)	2.25	2.05	1.85
244195	+	MAX1487CPA	DIP-8	RS-485/422 LP transceiver, 12V	2.25	1.75	*10 pieces	s include	ed in Linear kit, pg 1	4				
39571	+	26LS30	DIP-16	RS-422/423 line driver, 5V	2.49	2.25							_	
4 4 4 4 4 4 4 4		DCG/OFN									Johla Onlina Enter Woh C		1/1	
144039	NSC	DS3695N	DIP-8	Multipoint RS-422/423 trans, 5V	99	.89		^ In	istrumentation An	nps Avai	lable Online — Enter Web C	ode ND	/A	
144039 50948	NSC ◆	DS3695N SN75174N	DIP-8 DIP-16	Multipoint RS-422/423 trans, 5V RS-422 quad diff. line driver w/ 3 st.					strumentation An	nps Avai	lable Olline — Enter Web C	ode ND	и	
					89	.79	Buffe		strumentation An	nps Avai	iable Ollille — Eliter Web C		/eb Code:	: WBR
50948	+	SN75174N	DIP-16	RS-422 quad diff. line driver w/ 3 st.	<mark>89</mark> 5V 89	.79 .79		r				*W	/eb Code:	
50948 50956	+	SN75174N SN75175N	DIP-16 DIP-16	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, \$	<mark>89</mark> 5V89 65	.79 .79 .55	Part No.	e r •Mfr.	Product No.	Pkg.	Description	★ W	<mark>/eb Cod</mark> e: 10	100
50948 50956 758364	+ + TI	SN75174N SN75175N SN75176AP ?	DIP-16 DIP-16 DIP-8	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, S RS-422 Differential bus transceiver	5V <mark>.89</mark> 5V <mark>65</mark> 1.49	.79 .79 .55 1.25		r				★ W	<mark>/eb Cod</mark> e: 10	100
50948 50956 758364 891149	+ + TI NSC	SN75174N SN75175N SN75176AP₹ DS75176BN SN75176BN	DIP-16 DIP-16 DIP-8 DIP-8 DIP-8	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, t RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver	5V <mark>.89</mark> 5V <mark>65</mark> 1.49	.79 .79 .55 1.25	Part No.	er * _{Mfr.} + oarat	Product No. LH0002CN	Pkg.	Description	*W 1 \$12.95	<mark>/eb Cod</mark> e: 10	100 \$10.95
50948 50956 758364 891149	+ + TI NSC	SN75174N SN75175N SN75176AP₹ DS75176BN SN75176BN	DIP-16 DIP-16 DIP-8 DIP-8 DIP-8	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, the RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver, 5V. Conline — Enter Web Code KEN	5V <mark>.89</mark> 5V <mark>65</mark> 1.49	.79 .79 .55 1.25	Part No. 23051	°Mfr. ◆	Product No. LH0002CN	Pkg.	Description	*W 1 \$12.95	/eb Code: 10 \$11.95	100 \$10.95
50948 50956 758364 891149	+ + TI NSC	SN75174N SN75175N SN75176AP₹ DS75176BN SN75176BN	DIP-16 DIP-16 DIP-8 DIP-8 DIP-8	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver, 5V	5V <mark>.89</mark> 5V <mark>65</mark> 1.49	.79 .79 .55 1.25	Part No. 23051	er * _{Mfr.} + oarat	Product No. LH0002CN	Pkg. DIP-10 Pkg. DIP-8	Description General purpose buffer\$ Description Voltage comparator	1 \$12.95 *V 1 \$7.95	10 \$11.95 Veb Code 10 \$6.95	100 \$10.95 2: EBS 100 \$6.25
50948 50956 758364 891149 50964	+ + TI NSC +	SN75174N SN75175N SN75176AP₹ DS75176BN SN75176BN *IEEE-1394 A	DIP-16 DIP-16 DIP-8 DIP-8 DIP-8 DIP-8	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, ! RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver, 5V Online — Enter Web Code KEN e Online — Enter Web Code UEU		.79 .79 .55 1.25 .49	Part No. 23051 Comp	•Mfr. •Mfr. •Mfr. •Mfr. NSC	Product No. LH0002CN OFS Product No.	Pkg. DIP-10 Pkg. DIP-8	Description General purpose buffer\$ Description	1 \$12.95 *V 1 \$7.95	10 \$11.95 Veb Code 10 \$6.95	100 \$10.95 2: EBS 100 \$6.25
50948 50956 758364 891149 50964	+ + TI NSC +	SN75174N SN75175N SN75176AP₹ DS75176BN SN75176BN	DIP-16 DIP-16 DIP-8 DIP-8 DIP-8 DIP-8	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, ! RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver, 5V Online — Enter Web Code KEN e Online — Enter Web Code UEU	5V <mark>.89</mark> 5V <mark>65</mark> 1.49	.79 .79 .55 1.25 .49	Part No. 23051 Comp Part No. 311044	•Mfr. •Mfr. •Mfr. •Mfr. NSC	Product No. LH0002CN OFS Product No. LM111J-8	Pkg. DIP-10 Pkg. DIP-8	Description General purpose buffer\$ Description Voltage comparator	*W 1 \$12.95 *V 1 \$7.95 1.75	10 \$11.95 Veb Code 10 \$6.95	100 \$10.95 2: EBS 100 \$6.25
50948 50956 758364 891149 50964	+ + TI NSC +	SN75174N SN75175N SN75176AP₹ DS75176BN SN75176BN *IEEE-1394 A	DIP-16 DIP-16 DIP-8 DIP-8 DIP-8 Available (RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, ! RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver, 5V Online — Enter Web Code KEN e Online — Enter Web Code UEU	89 5V89651.49	.79 .79 .55 1.25 .49	Part No. 23051 Comp Part No. 311044 282087	•Mfr. •Mfr. •Mfr. NSC •	Product No. LH0002CN OFS Product No. LM111J-8 LM139J	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8	Description General purpose buffer \$ Description Voltage comparator Low pwr, low offset volt quad	*W 1 \$12.95 *V 1 \$7.951.75	10 \$11.95 Veb Code 10 \$6.95	100 \$10.95 2: EBS 100 \$6.25 1.35
50948 50956 758364 891149 50964	TI NSC +	SN75174N SN75175N SN75176AP ₹ DS75176BN SN75176BN **IEEE-1394 A **65LVDS Series	DIP-16 DIP-16 DIP-8 DIP-8 DIP-8 Available (CSS Available) Pkg. [ESS]	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, t RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver, 5V Conline — Enter Web Code KEN De Online — Enter Web Code UEU		.79 .79 .55 1.25 .49	Part No. 23051 Comp Part No. 311044 282087 23528	•Mfr. •Mfr. •Mfr. NSC •	Product No. LH0002CN OFS Product No. LM111J-8 LM139J LM311N*	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8	Description General purpose buffer \$ Description Voltage comparator	*W 1 \$12.95 *V 1 \$7.95	10 \$11.95 Veb Code 10 \$6.95 1.55	100 \$10.95 2: EBS 100 \$6.25 1.35
50948 50956 758364 891149 50964 A/D & Part No.	TI NSC +	SN75174N SN75175N SN75176AP ₹ DS75176BN SN75176BN **IEEE-1394 A **65LVDS Series A Converte Product No.	DIP-16 DIP-16 DIP-8 DIP-8 DIP-8 DIP-8 President of the pr	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, t RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver, 5V Conline — Enter Web Code KEN De Online — Enter Web Code UEU * Description 1		.79 .79 .55 1.25 .49 9: <i>QAG</i>	Part No. 23051 Comp Part No. 311044 282087 23528 837812	*Mfr. *Mfr. *Mfr. NSC + NSC	Product No. LH0002CN OFS Product No. LM111J-8 LM139J LM311N* LM311N/NOPB \$\mathre{x}\$	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-8	Description General purpose buffer\$ Description Voltage comparator	*W 1 \$12.95 *V 1 \$7.95 1.75258925	10 \$11.95 Veb Code 10 \$6.95 1.55 .22	100 \$10.95 2: EBS 100 \$6.25 1.35 .19
50948 50956 758364 891149 50964 A/D 8 Part No. 277131	TI NSC + *Mfr. MAX	SN75174N SN75175N SN75176AP ₹ DS75176BN SN75176BN **IEEE-1394 A **65LVDS Series **Converte Product No. MAX110BCPE	DIP-16 DIP-8 DIP-8 DIP-8 DIP-8 Pres DIP-8	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, \$ RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver . Soline — Enter Web Code KEN De Online — Enter Web Code UEU * Description 1 Description 2 Description 3 Description 4 Description 3 Description 4 Descri		.79 .79 .55 1.25 .49 e: <i>QAG</i> 100 \$7.95 2.95	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888	*Mfr. *Mfr. NSC NSC NSC +	Product No. LH0002CN OFS Product No. LM111J-8 LM139J LM311N* LM311N/NOPB ₹ LM339AN ₹	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-8 DIP-8 DIP-8 DIP-14	Description General purpose buffer\$ Description Voltage comparator	*W 1 \$12.95 *V 1 \$7.95 1.7525892519	10 \$11.95 Veb Code 10 \$6.95 1.55 .22 .69	100 \$10.95 2: EBS 100 \$6.25 1.35 .19 .49
50948 50956 758364 891149 50964 A/D 8 Part No. 277131 10145	TI NSC + *Mfr. MAX +	SN75174N SN75175N SN75176AP ₹ DS75176BN SN75176BN **IEEE-1394 A **65LVDS Series Converte Product No. MAX110BCPE ADC0803LCN	DIP-16 DIP-8 DIP-8 DIP-8 DIP-8 Available (S Available (DIP-16 DIP-20	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, \$ RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver . Soline — Enter Web Code KEN De Online — Enter Web Code UEU * Description 1 Description 1 Description 3.95 Description 3.95 Description 3.95 Description 3.95 Description 3.95		.79 .79 .55 1.25 .49 2: <i>QAG</i> 100 \$7.95 2.95 1.85	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594	*Mfr. *Mfr. Darat *Mfr. NSC + NSC + +	Product No. LH0002CN OFS Product No. LM111J-8 LM139J LM311N* LM311N/NOPB ₹ LM339AN ₹ LM339M	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-8 DIP-8 DIP-14 SOIC-14	Description General purpose buffer\$ Description Voltage comparator	1 \$12.95 *V 1 \$7.95 1.75 25 89 25 25 35	10 \$11.95 Veb Code 10 \$6.95 1.55 .22 .69 .19	100 \$10.95 2: EBS 100 \$6.25 1.35 .19 .49 .15
50948 50956 758364 891149 50964 A/D 8 Part No. 277131 10145 10153	*Mfr. MAX +	SN75174N SN75175N SN75176AP ₹ DS75176BN SN75176BN * IEEE-1394 A * 65LVDS Series Converte Product No. MAX110BCPE ADC0803LCN ADC0804LCN	DIP-16 DIP-16 DIP-8 DIP-8 DIP-8 Available (Company) PKg. [DiP-16 August Dip-16 August Dip-16	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, \$ RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver . Solitine — Enter Web Code KEN Description 1 Description 1 Description 1 Description 3.95 De	Web Code 10 \$9,95 22,25 23,35	.79 .79 .55 1.25 .49 2: <i>OAG</i> 100 \$7.95 2.95 1.85 2.05	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742	*Mfr. *Mfr. NSC NSC TI	Product No. LH0002CN OFS Product No. LM111J-8 LM139J LM311N* LM311N/NOPB ₹ LM339AN ₹ LM339M LM339N ₹	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-8 DIP-8 DIP-14 SOIC-14 DIP-14	Description General purpose buffer\$ Description Voltage comparator	1 \$12.95 *V 1 \$7.95 1.75 25 89 25 19 35 22	10 \$11.95 ************************************	100 \$10.95 100 \$6.25 1.35 .19 .49 .15 .15
50948 50956 758364 891149 50964 A/D & Part No. 277131 10145 10153 828342	TI NSC + *Mfr. MAX + NSC	SN75174N SN75175N SN75176AP SN75176BN SN75176BN *IEEE-1394 A *65LVDS Series Converte Product No. MAX110BCPE ADC0803LCN ADC0804LCN ADC0804LCN ADC0804LCN	DIP-16 DIP-16 DIP-8 DIP-8 DIP-8 Available (Company) Pkg. [DiP-16 DiP-20 Amount Dip-20 Amount	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, ! RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver . Solution — Enter Web Code KEN The Conline — Enter Web Code UEU ** Description 1 VD, 14-bit, 5V, 50sps, 2-ch \$12.95 VD, 8-bit, 5V, 9.1Ksps, 1-ch	Web Code 10 \$9.95 2.25 3.75	.79 .79 .55 1.25 .49 2: <i>OAG</i> 100 \$7.95 2.95 1.85 2.05	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742 23851 120900	*Mfr. + Darat *Mfr. NSC + NSC + + + +	Product No. LH0002CN OFS Product No. LM111J-8 LM139J LM311N* LM311N/NOPB & LM339AN & LM339M LM339N & LM392N	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-8 DIP-14 SOIC-14 DIP-14 DIP-14 DIP-14	Description General purpose buffer\$ Description Voltage comparator	*W 1 \$12.95 *V 1 \$7.95 1.75 25 89 25 35	10 \$11.95 Veb Code 10 \$6.95 1.55 .22 .69 .19 .17 .29 .19	100 \$10.95 2: EBS 100 \$6.25 1.35 .19 .49 .15 .15 .25 .15
50948 50956 758364 891149 50964 A/D 8 Part No. 277131 10145 10153 828342 10170	*Mfr. MAX NSC *NSC *Msc *M	SN75174N SN75175N SN75176AP ₹ DS75176BN SN75176BN *IEEE-1394 A *65LVDS Series CONVERTE Product No. MAX110BCPE ADC0803LCN ADC0804LCNNOPB ₹ ADC0808CCN	DIP-16 DIP-18 DIP-8 DIP-8 DIP-8 Available 0 S Available DIP-18 DIP-18 Available 0 DIP-20 DIP-20 DIP-20 DIP-20 DIP-28 DIP-28 DIP-28 DIP-28 DIP-28	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, ! RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver . 5V Online — Enter Web Code KEN e Online — Enter Web Code UEU * Description 1 VD, 14-bit, 5V, 50sps, 2-ch \$12.95 VD, 8-bit, 5V, 9.1Ksps, 1-ch 3.95 VD, 8-bit, 5V, 9.1Ksps, 1-ch 2.75 VD, 8-bit µP compatible (±1LSB) 2.95 VD, 8-bit, 5V, 9.1Ksps, 8-ch 4.49	Web Code 10 59 22 37 37 40 40 40 40 40 40 40 40 40 4	.79 .79 .55 1.25 .49 2: <i>QAG</i> 100 \$7.95 2.95 1.85 2.05 3.15 2.25	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742 23851 120900 24281	*Mfr. + Darat *Mfr. + NSC + NSC + + + + + + + + +	Product No. LH0002CN OFS Product No. LM111J-8 LM139J LM311N* LM311N/NOPB ₹ LM339AN ₹ LM339M LM339N ₹ LM339N * LM339N * LM339N * LM392N LM393N*	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-8 DIP-14 DIP-14 DIP-14 DIP-14 DIP-14 DIP-18 DIP-8	Description General purpose buffer\$ Description Voltage comparator	*W 1 1 512.95 *V 1 1 1 57.95	10 \$11.95 Veb Code 10 \$6.95 1.55 .22 .69 .19 .17 .29 .19 .99	100 \$10.95 2: EBS 100 \$6.25 1.35 .19 .49 .15 .15 .25 .15
50948 50956 758364 891149 50964 A/D & Part No. 277131 10145 10153 828342 10170 10188	* D/A *Mfr. MAX * NSC +	SN75174N SN75175N SN75176AP DS75176BN SN75176BN *IEEE-1394 A *65LVDS Series Converte Product No. MAX110BCPE ADC0803LCN ADC0804LCNNOPB ADC0804LCNNOPB ADC0809CCN	DIP-16 DIP-18 DIP-8 DIP-8 DIP-8 Available of the properties of th	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, ! RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver . Soline — Enter Web Code KEN The Conline — Enter Web Code UEU ** Description 1 VD, 14-bit, 5V, 50sps, 2-ch \$12.95 VD, 8-bit, 5V, 9.1Ksps, 1-ch 3.95 VD, 8-bit, 5V, 9.1Ksps, 1-ch 2.75 VD, 8-bit, 5V, 9.1Ksps, 8-ch 4.49 VD, 8-bit, 5V, 9.1Ksps, 8-ch 4.49 VD, 8-bit, 5V, 9.1Ksps, 8-ch 2.59	Web Code 100 5 9.95 6 2.25 6 2.35 7 3.75 9 3.15	.79 .79 .55 1.25 .49 	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742 23851 120900 24281 903007	*Mfr. + Darat *Mfr. NSC + NSC + TI + TI	Product No. LH0002CN Froduct No. LM111J-8 LM139J LM311N* LM311N/NOPB & LM339AN & LM339N LM339N & LM339N & LM339N * LM392N LM393N* LM393P & LM393P &	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-8 DIP-14 DIP-14 DIP-14 DIP-14 DIP-14 DIP-8 DIP-8 DIP-8	Description General purpose buffer\$ Description Voltage comparator	*WV:1512.95 *VV:17.95 1.75	10 \$11.95 Veb Code 10 \$6.95 1.55 .22 .69 .19 .17 .29 .19 .99 .19	100 \$10.95 2: EBS 100 \$6.25 1.35 .19 .49 .15 .25 .15 .89 .15
50948 50956 758364 891149 50964 A/D & Part No. 277131 10145 10153 828342 10170 10188 10225	*Mfr. MAX + + NSC + + + + + + + + + + + + + + + + + + +	SN75174N SN75175N SN75176AP SN75176BN SN75176BN *IEEE-1394 A *65LVDS Series Converte Product No. MAX110BCPE ADC0803LCN ADC0804LCNN0PB ADC0804LCNN0PB ADC0809CCN ADC0809CCN ADC0820CCN	DIP-16 DIP-18 DIP-8 DIP-8 DIP-8 Available of S Available DIP-19 DIP-10 / P DIP-20 / P	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, ! RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver . S-422 diff. line bus transceiver . Dolline — Enter Web Code KEN e Online — Enter Web Code UEU * Description 1 DOUD, 14-bit, 5V, 50sps, 2-ch \$12.95 VD, 8-bit, 5V, 9.1Ksps, 1-ch 3.95 VD, 8-bit, 5V, 9.1Ksps, 1-ch 2.75 VD, 8-bit, 5V, 9.1Ksps, 8-ch 4.49 VD, 8-bit, 5V, 9.1Ksps, 8-ch 4.49 VD, 8-bit, 5V, 9.1Ksps, 8-ch 2.59 VD, 8-bit, 5V, 9.1Ksps, 8-ch 3.49	Web Code 100 5 9.95 6 2.25 6 2.37 7 2.39 7 3.15 8 3.25	.79 .79 .55 1.25 .49 2: <i>OAG</i> 37.95 2.95 1.85 2.05 3.15 2.25 2.49 2.65	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742 23851 120900 24281 903007 107238	*Mfr. + *Mfr. + *Mfr. NSC + + NSC + TI + + + TI +	Product No. LH0002CN Froduct No. LM111J-8 LM139J LM311N* LM311N/NOPB & LM339AN & LM339N LM339N & LM339N & LM339N * LM393N* LM393P & LM392N	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-8 DIP-14 DIP-14 DIP-14 DIP-14 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8	Description General purpose buffer\$ Description Voltage comparator	*WV: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 \$11.95 Veb Code 10 \$6.95 1.55 .22 .69 .19 .17 .29 .19 .99 .19 .29 .35	100 \$10.95 2: EBS 100 \$6.25 1.35 .19 .49 .15 .25 .15 .89 .15 .25
50948 50956 758364 891149 50964 A/D & Part No. 277131 10145 10153 828342 10170 10188 10225 831066	TI NSC + *Mfr. MAX + NSC + NSC +	SN75174N SN75175N SN75176AP DS75176BN SN75176BN **IEEE-1394 A **65LVDS Series CONVERTE Product No. MAX110BCPE ADC0803LCN ADC0804LCNN0PB ADC0809CCN ADC0820CCN ADC0820CCN	DIP-16 DIP-8 DIP-8 DIP-8 DIP-8 Available of S Available DIP-16 Pkg. DIP-16 DIP-20 DIP-8	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, the RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver RS-422 diff. line bus transceiver RS-422 diff. line bus transceiver St. A22 diff. line bus	Web Code 100 \$9.95 2.35 2.37 3.15 3.25 1.55	.79 .79 .55 1.25 .49 2: <i>OAG</i> 37.95 2.95 1.85 2.05 3.15 2.25 2.49 2.65	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742 23851 120900 24281 903007 107238 1944741	*Mfr. + *Mfr. + *Mfr. NSC + + NSC + TI + ST	Product No. LH0002CN Froduct No. LM111J-8 LM139J LM311N* LM311N/NOPB R LM339AN R LM339N LM339N ** LM393N* LM393N* LM393P R LM393P R LM392N TS3721IN	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-8 DIP-14 DIP-14 DIP-14 DIP-14 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-14 DIP-14	Description General purpose buffer\$ Description Voltage comparator	*WV: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 \$11.95 Veb Code 10 \$6.95 1.55 .22 .69 .19 .17 .29 .19 .99 .19	100 \$10.95 2: EBS 100 \$6.25 1.35 .19 .49 .15 .25 .15 .25 .15
50948 50956 758364 891149 50964 A/D 8 Part No. 277131 10145 10153 828342 10170 10188 10225 831066 116100	* * * * * * * * * * * * * * * * * * *	SN75174N SN75175N SN75176AP DS75176BN SN75176BN **IEEE-1394 A **65LVDS Series CONVERTE Product No. MAX110BCPE ADC0803LCN ADC0804LCN ADC0804LCNNOPB ADC0809CCN ADC0820CCN ADC0820CCN	DIP-16 DIP-8 DIP-8 DIP-8 DIP-8 Available of S Available DIP-16 DIP-16 DIP-16 DIP-16 DIP-16 DIP-16 DIP-20 DIP-8	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, ! RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver . RS-422 diff. line bus transceiver . Souline — Enter Web Code KEN The Contine — Enter Web Code UEU **I **Description	Web Code 10 10 10 10 10 10 10 10 10 1	.79 .79 .55 1.25 .49 2: <i>QAG</i> 37.95 2.95 1.85 2.05 3.15 2.25 2.49 2.65 1.35	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742 23851 120900 24281 903007 107238 1944741	*Mfr. + *Mfr. + *Mfr. NSC + + NSC + TI + ST	Product No. LH0002CN Froduct No. LM111J-8 LM139J LM311N* LM311N/NOPB & LM339AN & LM339N LM339N & LM339N & LM339N * LM393N* LM393P & LM392N	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-8 DIP-14 DIP-14 DIP-14 DIP-14 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-14 DIP-14	Description General purpose buffer\$ Description Voltage comparator	*WV: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 \$11.95 Veb Code 10 \$6.95 1.55 .22 .69 .19 .17 .29 .19 .99 .19 .29 .35	100 \$10.95 2: EBS 100 \$6.25 1.35 .19 .49 .15 .25 .15 .89 .15 .25
50948 50956 758364 891149 50964 A/D 8 Part No. 277131 10145 10153 828342 10170 10188 10225 831066 116100 831171	* + + + TI NSC + + + NSC + + NSC + NSC	SN75174N SN75175N SN75176AP DS75176BN SN75176BN **IEEE-1394 A **65LVDS Series CONVERTE Product No. MAX110BCPE ADC0803LCN ADC0804LCN ADC0804LCN ADC0804LCN ADC0809CCN ADC0820CCN ADC0820CCN ADC0831CCN ADC0831CCN ADC0831CCN	DIP-16 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-16 DIP-16 DIP-20 DIP-16 DIP-20 DIP-8 DIP-8 C DIP-9 C DIP-8 C DIP-8 C DIP-9 C	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, the RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver RS-422 diff. line bus transceiver RS-422 diff. line bus transceiver St. Additional eventual e	Web Code 10 59.95 2.39 3.15 3.25 1.55 1.95 2.25 2.39 3.15 3.25 2.39	.79 .79 .55 1.25 .49 .29: <i>OAG</i> 100 \$7.95 2.95 1.85 2.05 3.15 2.25 2.49 2.65 1.35	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742 23851 120900 24281 903007 107238 1944741 *10 pcs./*	*Mfr. + *Mfr. *Mfr. *NSC + NSC + TI + ST *Z *Z	Product No. LH0002CN FORS Product No. LM111J-8 LM131N* LM311N/NOPB LM339AN LM339N LM339N LM339N LM39SN* LM39CN LM39SN* LM39CN LM3PCN	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-8 DIP-14 DIP-14 DIP-14 DIP-14 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-14 DIP-14	Description General purpose buffer\$ Description Voltage comparator	*W 1 1 1 57.95 */ 1 \$7.95	10 \$11.95 10 \$6.95 1.55 .22 .69 .19 .17 .29 .99 .99 .35	100 \$10.95 100 \$6.25 1.35 1.9 .49 .15 .25 .89 .15 .25 .25 .25
50948 50956 758364 891149 50964 A/D 8 Part No. 277131 10145 10153 828342 10170 10188 10225 831066 116100 831171 1252488	*Mfr. NSC + *Mfr. MAX + NSC + NSC + NSC NSC NSC	SN75174N SN75175N SN75176AP DS75176BN SN75176BN **IEEE-1394 A **65LVDS Series CONVERTE Product No. MAX110BCPE ADC0803LCN ADC0804LCN ADC0804LCN ADC0804LCN ADC0804CN ADC0809CCN ADC0820CCN ADC0820CCN ADC0831CCN ADC0838CCNINOPB	DIP-16 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 Available of S Available Pkg.	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, the RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver . St. 422 diff. line bus transceiver . Donline — Enter Web Code KEN be Conline — Enter Web Code UEU	Web Code 10 \$9.95 2.39 3.15 3.25 1.55 1.95 1.95	.79 .79 .55 1.25 .49 .20 .20 .29 .20 .31 .25 .20 .31 .25 .25 .24 .25 .25 .25 .25 .27 .25 .27 .27 .27 .27 .27 .27 .27 .27 .27 .27	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742 23851 120900 24281 903007 107238 1944741 *10 pcs./*	*Mfr. + *Mfr. *Mfr. *NSC + NSC + TI + ST *Z *Z	Product No. LH0002CN Froduct No. LM111J-8 LM139J LM311N* LM311N/NOPB R LM339AN R LM339N LM339N ** LM393N* LM393N* LM393P R LM393P R LM392N TS3721IN	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-14 DIP-14 DIP-14 DIP-14 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-14 DIP-8 DIP-8 DIP-8 DIP-14 DIP-8 DIP-8 DIP-14 DIP-8	Description General purpose buffer\$ Description Voltage comparator	*W 1 1 1 57.95 */ 1 \$7.95	10 \$11.95 Veb Code 10 \$6.95 1.55 .22 .69 .19 .17 .29 .19 .99 .19 .29 .35	100 \$10.95 100 \$6.25 1.35 1.9 .49 .15 .25 .89 .15 .25 .25 .25
50948 50956 758364 891149 50964 A/D & Part No. 277131 10145 10153 828342 10170 10188 10225 831066 116100 831171 1252488 43748	*Mfr. NSC + *Mfr. MAX + NSC + NSC + NSC + NSC + NSC +	SN75174N SN75175N SN75176AP DS75176BN SN75176BN **IEEE-1394 A **65LVDS Series Converte Product No. MAX110BCPE ADC0803LCN ADC0804LCN ADC0804LCN ADC0804CN ADC0809CCN ADC0820CCNNOPB ADC0831CCN ADC0831CCN ADC0831CCNNOPB ADC0831CCNNOPB ADC0838CCNNOPB ADC0838CCNNOPB	DIP-16 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-16 DIP-16 DIP-16 DIP-20 DIP-40 DIP-	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, the RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver . St. 422 diff. line bus transceiver . St. 429 de Online — Enter Web Code KEN de Online — Enter Web Code UEU . St. 429 de Online — E	Web Code 1.49 Web Code 1.49 3.25 3.25 3.25 3.25 3.15 3.25 3.15 3.25	.79 .79 .55 1.25 .49 2: <i>OAG</i> 100 \$7.95 2.95 2.05 3.15 2.25 2.49 2.65 1.35 1.65 1.75	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742 23851 120900 24281 903007 107238 1944741 *10 pcs./*	*Mfr. + *Mfr. + *Mfr. * *Mf	Product No. LH0002CN Froduct No. LM111J-8 LM139J LM311N* LM311N/NOPB & LM339AN & LM339N LM339N * LM392N LM393N* LM392N LM393P & LM302N TS3721IN s. included in Linear Amplifiers art No. Pkg.	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-8 DIP-14 DIP-14 DIP-14 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-14 DIP-8	Description General purpose buffer\$ Description Voltage comparator	*WI	10 \$11.95 10 \$6.95 1.55 .22 .69 .19 .17 .29 .19 .29 .35 .35	100 \$\$10.95 100 \$6.25 1.35 1.9 49 49 1.5 1.5 2.5 2.5 2.29 2.25
50948 50956 758364 891149 50964 A/D & Part No. 277131 10145 10153 828342 10170 10188 10225 831066 116100 831171 1252488 43748 43756	* D/A TI NSC + *Mfr. MAX + + NSC + NSC NSC + + NSC NSC NSC + + NSC NSC + + NSC NSC NSC NSC NSC + + NSC NSC NSC NSC NSC + + NSC NSC NSC NSC NSC NSC + + NSC NSC NSC NSC NSC NSC NSC NSC + + NSC	SN75174N SN75175N SN75176AP DS75176BN SN75176BN **IEEE-1394 A **65LVDS Series Converte Product No. MAX110BCPE ADC0803LCN ADC0804LCN ADC0804LCN ADC0809CCN ADC0809CCN ADC0820CCNNOPB ADC0831CCN ADC0831CCNNOPB	DIP-16 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-16 DIP-16 DIP-16 DIP-20 DIP-16 DIP-20 DIP-20 DIP-20 DIP-28 DIP-20 DIP-40 DIP	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, the RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver . St. Action 10 per series of the continuation	Web Code 10 \$\frac{1}{2}\$ \text{3.25} \text{5.325} \text{5.325} \text{5.325} \text{5.1.55} \text{5.1.55} \text{5.2.25} \text{5.1.55} \text{5.2.25}	.79 .79 .55 1.25 .49 .20 .2.95 2.95 2.05 1.35 1.65 1.75 1.95 2.05	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742 23851 120900 24281 903007 107238 1944741 *10 pcs./*	*Mfr. + Darai *Mfr. NSC + NSC + TI + ST T*20 pcs	Product No. LH0002CN Froduct No. LM111J-8 LM139J LM311N* LM311N/NOPB & LM339AN & LM339N LM339N * LM392N LM393N* LM392N LM393P & LM302N TS3721IN s. included in Linear Amplifiers art No. Pkg.	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-8 DIP-14 DIP-14 DIP-14 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-14 DIP-8	Description General purpose buffer\$ Description Voltage comparator	*WI	10 \$11.95 10 \$6.95 1.55 .22 .69 .19 .17 .29 .19 .29 .35 .35	100 \$10.95 2: EBS 100 \$6.25 1.35 .19 .49 .15 .25 .15 .29 .25
50948 50956 758364 891149 50964 A/D & Part No. 277131 10145 10153 828342 10170 10188 10225 831066 116100 831171 1252488 43748 43756 875683	* D/A TI NSC + *Mfr. MAX + + NSC + NSC NSC + INS	SN75174N SN75175N SN75176AP DS75176BN SN75176BN *IEEE-1394 A *65LVDS Series Converte Product No. MAX110BCPE ADC0803LCN ADC0804LCN ADC0804LCN ADC0809CCN ADC0809CCN ADC0820CCNNOPB ADC0831CCNNOPB	DIP-16 DIP-18 DIP-8 DIP-8 DIP-8 Available of S Available DIP-16 DIP-16 DIP-16 DIP-16 DIP-16 DIP-16 DIP-20 DIP-40 DIP-28	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, \$1 RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver RS-422 diff. line bus transceiver RS-422 diff. line bus transceiver St. 422 diff. line bus transceiver St. 429 december St. 429 dec	Web Code 100 \$ 9.95 2.25 3.15 3.25 4.1.55 5.1.55 6.1.95 2.25 2.25 2.25 2.25 2.25 2.25 2.25 2.25 2.25 2.25 2.25 2.25 2.25 2.25 2.25 2.25 2.25 2.25	.79 .79 .55 1.25 .49 	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742 23851 120900 24281 903007 107238 1944741 *10 pcs./*	*Mfr. + *Mfr. * *Mfr. * NSC + + NSC + TI + ST T* AD52	Product No. LH0002CN Froduct No. LM111J-8 LM139J LM311N* LM311N/NOPB & LM339AN & LM339N LM339N * LM392N LM393N* LM392N LM393P & LM302N TS3721IN s. included in Linear Amplifiers art No. Pkg.	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-14 DIP-14 DIP-14 DIP-14 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-16 DIP-8 DIP-16 DIP-8 DIP-16 DIP-8 DIP-8 DIP-16 D	Description General purpose buffer\$ Description Voltage comparator	*WI	10 \$11.95 10 \$6.95 1.55 .22 .69 .19 .17 .29 .19 .29 .35 .35	100 \$10.95 2: EBS 100 \$6.25 1.35 .19 .49 .15 .25 .15 .29 .25
A/D & Part No. 277131 10145 10153 828342 10170 10188 10225 831066 116100 831171 1252488 43748 43756 875683 290263	+ + + TII NSC + + + NSC + + NSC + + HINS +	SN75174N SN75175N SN75176AP SN75176BN SN75176BN *IEEE-1394 A *65LVDS Series CONVERTE Product No. MAX110BCPE ADC0803LCN ADC0804LCN ADC0804LCN ADC0809CCN ADC0820CCN ADC0820CCN ADC0831CCN ADC0831CCN ADC0831CCN ADC0831CCN ADC0831CCN ADC0830CCN ADC0831CCN ADC0830CCN ADC0831CCN ADC0831CN	DIP-16 DIP-18 DIP-8 DIP-8 DIP-8 Available of S Available DIP-16 DIP-16 DIP-16 DIP-16 DIP-16 DIP-16 DIP-20 D	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, the RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver Multipoint RS-485/422 transceiver RS-422 diff. line bus transceiver, 5V Donline — Enter Web Code KEN RS-422 diff. line bus transceiver, 5V Donline — Enter Web Code UEU RS-422 diff. line bus transceiver web Code UEU RS-422 diff. line bus transceiver web Code UEU RS-422 diff. line bus transceiver web Code UEU RS-422 diff. line web Code UEU RS-422 diff. st. st. st. st. st. st. st. st. st. st	Web Code 10 \$9,95 2.25 2.35 3.15 3.25 4.195 2.25 2.35 3.25 3.37 2.39 3.15 3.25 3.25 3.37 3.25 3.37 3.25 3.37 3.38	.79 .79 .55 1.25 .49 .20 .20 .20 .31 .22 .25 .24 .26 .1.35 .1.5 .1.75 .1.75 .1.95 .2.05 .3.15 .3	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742 23851 120900 24281 903007 107238 1944741 *10 pcs./*	*Mfr. + *Mfr. * *Mfr. * NSC + + NSC + TI + ST T* AD52	Product No. LH0002CN Froduct No. LM111J-8 LM139J LM311N* LM311N/NOPB # LM339AN # LM339N LM339N * LM392N LM392N LM392N LM392N TS3721IN s. included in Linear Amplifiers LM1 Pkg. LM2 CDIP-1 OANZ # DIP-8	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-14 DIP-14 DIP-14 DIP-14 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-16 DIP-8 DIP-16 DIP-16 DIP-17 DIP-17 DIP-18 DIP-18 DIP-19 DIP-1	Description General purpose buffer\$ Description Voltage comparator	*W 1 1 1 1 1 1 1 1 \$7.95 *VIII \$7.95 25 89 25 20 21 1.09 22 20 20 21 1.09 21 1.09 22 22 20 21 22 22 20 2	10 \$11.95 10 \$6.95 1.55 .22 .69 .19 .17 .29 .19 .29 .35 .35	100 \$10.95 2: EBS 100 \$6.25 1.35 .19 .49 .15 .25 .15 .29 .25 .29 .25
A/D 8 Part No. 277131 10145 10153 828342 10170 10188 10225 831066 116100 831171 1252488 43756 875683 290263 1944581	+ + + TII NSC + + + NSC + + NSC + + HINS + + SAM	SN75174N SN75175N SN75176AP SN75176BN SN75176BN *IEEE-1394 A *65LVDS Series A CONVERTE Product No. MAX110BCPE ADC0803LCN ADC0804LCNADC0804LCNADC0809CCN ADC0809CCN ADC0820CCNNOPB ADC0831CCN ADC0831CN ADC08	DIP-16 DIP-18 DIP-8 DIP-8 DIP-8 Available of S Available DIP-16 DIP-16 DIP-16 DIP-8 Available of S Available DIP-20 DIP-2	RS-422 quad diff. line driver w/ 3 st. RS-422/423 quad diff. line receiver, ! RS-422 Differential bus transceiver Multipoint RS-485/422 transceiver . RS-422 diff. line bus transceiver . RS-422 diff. line bus transceiver . SV. Donline — Enter Web Code KEN e Online — Enter Web Code UEU	Web Code 10 \$9,95 2.35 3.25 3.25 4.155 5.225 6.225	.79 .79 .55 1.25 .49 .206 .295 1.85 2.05 3.15 2.25 2.49 2.65 1.75 1.75 1.75 1.95 2.05 3.15 2.25	Part No. 23051 Comp Part No. 311044 282087 23528 837812 143888 193594 826742 23851 120900 24281 903007 107238 1944741 *10 pcs./* Part No. 1778068 1780862	*Mfr. + *Mfr. NSC + + NSC + TI + ST *20 pcs Mfr. F AD52 AD62 AD62 AD62	Product No. LH0002CN Froduct No. LM111J-8 LM139J LM311N* LM311N/NOPB # LM339AN # LM339N LM339N * LM392N LM392N LM392N LM392N TS3721IN s. included in Linear Amplifiers LM1 Pkg. LM2 CDIP-1 OANZ # DIP-8	Pkg. DIP-10 Pkg. DIP-8 CDIP-14 DIP-8 DIP-14 SOIC-14 DIP-14 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-8 DIP-14 DIP-8 CDIP-14 DIP-8 DIP-8 DIP-8 DIP-8 DIP-14 DIP-8 DIP-8 DIP-6 DIP-14 DIP-8 DIP-8 DIP-14 DIP-8 DIP-8 DIP-14 DIP-8 DIP-8 DIP-14 DIP-8 DIP-8 DIP-14 DIP-8 DIP-14 DIP-8 DIP-14 DIP-8 DIP-8 DIP-14 DIP-8 DIP-14 DIP-8 DIP-8 DIP-14 DIP-8 DIP-14 DIP-8 DIP-14 DIP-8 DIP-8 DIP-8 DIP-14 DIP-8 DIP-8 DIP-8 DIP-14 DIP-8 DIP	Description General purpose buffer\$ Description Voltage comparator	*W 1 1 17.95 *V 17.95	10 \$11.95 10 \$6.95 1.55 .22 .69 .19 .17 .29 .19 .29 .35 .35	100 \$10.95 2: EBS 100 \$6.25 1.35 .19 .49 .15 .25 .15 .29 .25 .29 .25

ROHS compliant product 🕀 This product is available in both ROHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.



















S e m	i con d	uctor	- V	DAS ENSTRUMENTS	-)//	,	<u>~</u>	TOTOF	IOLA		- Julia 70		- Children	DEVICES)
Op An	nps					*W	eb Code:	WAD	0p <i>F</i>	Amps	(Continue	ed)		*1	Web Code:	WAD
Part No.	•Mfr.	Product No.	Pkg.	Description		1	10	100	Part No.	•Mfr.	Product No.	Pkg./F	ins Description	1	1 10	100
27852	+	OP07CP	DIP-8	Ultra-low offset voltage			\$.65	\$.55	239169		LT1013CP	DIP-8		op amplifier <mark>\$1.15</mark>		\$.79
252988	+	OP07DP	DIP-8	Very low offset single b			.59	.49	239177		LT1014DN			op amplifier <mark> 3.75</mark>		2.59
23106	+	LM10CLN	DIP-8	Low voltage (1.1 volt) .			2.49	1.75	23131	+	LM1458N*	DIP-8		er		.25
120715 120723	♦ NSC	LM10CN LM12CLK	DIP-8 TO-3/4	Op amp and voltage refe 80W op amp			2.15 27.95	1.55 25.95	903509 823525		MC1458P TLC2272AI			op amp		.25 1.05
1062114	TI	TL026CP	DIP-8	Diff. high-freq. amp. w/			.39	.25	194483		TLV2772CF			utput, w/ shtdwn49		.25
275805	TI	OPA27GP	DIP-8	Ultra-low noise precisio			2.05	1.75	12116	+	CA3080E	DIP-8		tance amp 3.95		3.49
275784	TI	OPA27GU	SOIC-8	Ultra-low noise precisio			1.75	1.59	12183	+	CA3130E	DIP-8	CMOS op ampli	fier 1.19	1.09	.99
115300	+	OP27EP	DIP-8	Low noise precision op	amp:	3.95	3.49	3.25	12204	+	CA3140E	DIP-8		olifier <mark>99</mark>		.79
115318	+	OP27GP	DIP-8	Low noise prec. (-40° to			1.95	1.59	24168	+	LM3900N	DIP-1		<mark>75</mark>		.55
1944812	ST	TL27L2IN	DIP-8	Prec. very low pwr CMOS d			.39	.25	29356	+	RC4136N	DIP-1	' ' '	XR4136)89		.69
214068	+	TL034CN	DIP-14	Enhanced low power/of			.79	.75	251125		MC4558CN			dual bipolar29		.22
821676	ΤI	TL051IP	DIP-8	Enhanced JFET low offs			.35	.25	908289 27385	TI ♦	RC4558P ₹ NE5532*	DIP-8		op amp39 op amplifier29		.25
33187 213073	+ +	TL071CP TL072ACP ₹	DIP-8 DIP-8	Low noise JFET op amp Low noise JFET input o			.25	.22	252970		NE5532AP	DIP-8		e op amp <mark>65</mark>		.45
33195	+	TL072CP*	DIP-8	Low noise JFET dual op			.22	.19	27406	+	NE5534	DIP-8		mplifier <mark>65</mark>		.45
33216	+	TL074CN*	DIP-14	Low noise JFET quad of			.35	.29	904026	TI	NE5534AP	₹ DIP-8		mplifier95		.69
213057	+	TL081ACP	DIP-8	JFET input, low offset w/			.49	.39	126893	NSC	LMC6482A	IN DIP-8	CMOS dual r-r I/	O, lower VOS 2.05	1.55	1.25
33232	+	TL081CP	DIP-8	JFET input, offset contro			.29	.25	301356	NSC	LMC6484A	IN DIP-1	CMOS quad r-r l	/O, lower VOS 3.49	2.75	2.09
214076	+	TL082ACP	DIP-8	JFET input, low offset .		.35	.29	.25	192532		LM13700N			w/ diodes/buffer 1.75	1.49	1.19
33241	+	TL082CP*	DIP-8	JFET input dual op amp	<mark></mark>	.35	.29	.25	871586		MC33204P		5 .	il-to-rail		.35
214084	+	TL084ACN	DIP-14	JFET input op amp	<mark></mark>	. 45	.39	.35	194477		MC33174V		3 11 3	V-44V op amp49		.25
193535	+	TL084CD	SOIC-14	JFET input quad op amp			.25	.22	251061		MC34072P		Single supply 3	V-44V op amp 7 5	.65	.55
33267	+	TL084CN*	DIP-14	JFET input quad op amp			.25	.22	10 pcs	. In Lineai	r cabinet kit, p	g 14				
245673	+	LM308AH	TO-5/8	Precision op amplifier .			4.49	3.95	Lina	or Co	rioc			*	Web Code	FAD
23464 23608	♦ NCC	LM308N*	DIP-8 DIP-8	Precision op amplifier .			6.25	5.49	Line	ar Se	1162				Web Code	: FAU
23608	NSC ◆	LM318N LM324AN	DIP-8	Precision high speed Low pwr quad, impr. of			.79	.69 .25	Part No.	•Mfr.	Product No.	Pkg/P	ns Description	1	1 10	100
838233	NSC	LM324AN/NOPB		Low power quad op am			.99	.69	25751	+	MF10CCN	DIP-2		al active filter \$4.49		\$2.59
23683	+	LM324N**	DIP-14	Low pwr quad op amp			.19	.15	16301	+	DS0026CN	DIP-8		Iriver (5MHz) 5.95		4.95
838284	NSC	LM324N/NOPB		Low power quad op am			.79	.59	239281 239329	+	DG201BDJ	DIP-1	3	ritch		1.09
826671	TI	LM324NE4₽	DIP-14	Quad op amp			.25	.22	134196		DG211CJ L293DNE ≉	DIP-10 DIP-10		nalog switch <mark> 1.95</mark> vers, I-temp 2.3 9		1.49 1.59
22904	+	LF347N	DIP-14	Quad JFET input (wide ba	and) <mark></mark>	. 49	.45	.35	134201		L293NE₹	DIP-10		vers, C-temp 2.39		1.59
23915	+	LM348N	DIP-14	Quad 741 op amp (UPC	(4741C <mark>)</mark>	.35	.29	.25	195087		CWB309	DIP-1		DMOS analog sw99		.59
22912	+	LF351N	DIP-8	BIFET op amplifier			.35	.29	23721	+	LM331N	DIP-8		nvtr (150ppm/°C) 2.25		1.39
22939	+	LF353N*	DIP-8	Dual BIFET (comp w/ TI			.29	.25	838372	NSC	LM331N/NC	PB ≉ DIP-8	Prec. volt-to-freq.	. convr., C-temp 2.35	1.85	1.45
901853	TI	LF353P ₹	DIP-8	JFET input dual, C-temp			.35	.29	23739	NSC	LM334Z	TO-92	/3 Adjust current s	ource	.59	.49
22971 120862	NSC ◆	LF356N* LM358AN	DIP-8 DIP-8	JFET input (wide band)			.79	.59 .19	23771	NSC	LM336Z-2.		o o	ce (2.5V) <mark>25</mark>		.19
839332	NSC	LM358AN/NOPB		Low pwr dual (improved Low power dual op amp			.79	.59	120889		LM385BZ2		·	2.5V ±1.5%)39		.29
23966	♦	LM358N*	DIP-8	Low pwr dual op amplif			.17	.15	24117	+	LM385Z1.2			f. diode (1.2V)49		.29
839367		LM358N/NOPB		Low power dual op amp			.79	.59	23000 833969	♦ NSC	LF398N LF398N/NOI	DIP-8 PB ≉ DIP-8		d circuit <mark> 1.49</mark> e & hold circuits 1.5 9		.89 .95
1944732	ST	LS404CN	DIP-14	High performance quad			.39	.25	309833		DG403DJ	DIP-1		Fanalog switch 2.95		2.49
23018	+	LF411CN*	DIP-8	Low offset drift JFET in	put <mark></mark>	.99	.89	.69	272161		DG403DJ	DIP-2		exer/demux 5.49		4.49
835500	NSC	LF411CN/NOPB₽	DIP-8	Low-offset, low-drift JFE	T input	1.25	.99	.79	256532		DG408DJ	DIP-1		/demultiplexer 1.25		1.05
23026	+	LF412CN*	DIP-8	Low offset drift JFET input	t dual	69	.59	.49	33347	+	TL431CLP	TO-92	3 Program precisi	ion reference15	5 .12	.09
106681	+	LF442CN	DIP-8	Dual low power JFET in			1.05	.85	33355	+	TL494CN	DIP-1	Contrl circuit pulse	e-width-modulat <mark>ed .39</mark>		.25
835542	NSC	LF442CN/NOPB ₹		Dual low power JFET in			1.29	.99	840579			OPB SOIC-				.65
119992	♦	LF444CN	DIP-14	Quad low pwr JFET inpu			1.15	.85	27423	+	LM555CN 7		•	P/NE555V) <mark>25</mark>		.19
835569	NSC	LF444CN/NOPB ₹		Quad low power JFET in			1.35	.99	27422	+	LM555CN*		•	P/NE555V) <mark>22</mark>		.17
120926 24491	+	LM675T LM733CN	TO-220/5 DIP-14	Power op amplifier Differential amplifier			4.75 .99	3.75	840608		LM555CN/NC					.65
24491	+	LM741CH	TO-5/8	Op amplifier			4.49	3.95	126797		LMC555CN NE555D ≈					.59
24540	+	LM741CN 🕿	DIP-8	Op amplifier			.22	.19	904051 890091	TI ST	NE555N ₹	SOIC- DIP-8		le bipolar timer .29		.22 .22
24539	+	LM741CN**	DIP-8	Op amplifier			.19	.17	904085		NE555P R	DIP-8				.22
840763	NSC	LM741CN/NOPB		General purpose op am			.59	.45	761272		TLC555CP			er, C-temp55		.35
830522	TI	UA741CP ≉	DIP-8	Gen. purp. op amp			.25	.22	761301	TI	TLC555IP			r65		.39
830549	TI	UA741CPE4₹	DIP-8	Gen. purp. op amp			.25	.22	24329	+	LM556N≈			35		.25
24563	+	LM747CN	DIP-14	Dual 741 op amplifier	<mark></mark>	.79	.69	.59	24328	+	LM556N*	DIP-1	Dual 555 timer	29	.25	.22
239222	+	LTC1001CN8	DIP-8	Precision op amp		2.75	2.49	2.09	904114		NE556N ₹	DIP-1	Dual precision t	imer39	.29	.25
*10 pcs./ *	*20 pc:	s. in Linear cabinet l	kit, pg 14						*10 pcs	./ ** 20 pc	cs. in Linear k	it, pg 14		Continue	e <mark>d on ne</mark> x	ct page
		* CA	AL = Calog	ic NSC = National Ser	miconduc	tor	ON = O	N Semi	ST = ST	Micro	TI = Texas I	nstruments	◆ Manufacturer Va	aries		

Linear Series, Sensors & Voltage Regulators



Linea	ır Se	ries (Contin	ued)	*	Web Co	ode: FAD	Temp	erat	ure Senso	rs		*W	eb Code:	WAN
Part No.	•Mfr.	Product No.	Pkg/Pins	Description	1 1	0 100	Part No.	●Mfr.	Cross Ref.	Pkg/Pins	Description	1	10	100
27457	ST	NE558N	DIP-16	Quad timer (NE558C) \$1.49	9 \$1.3	5 \$1.19	107094	NSC	LM34CZ	TO-92/3	Prec temp sensor (-40° to +230°F)	\$4.95	\$4.49	\$3.49
27473	ST	NE564N	DIP-16	High freq. phase locked loop 2.75			193480	NSC	LM34DM	SOIC-8	Prec temp sensor (-55° to 300°F)		1.49	1.19
24352	+	LM565N	DIP-14	Phased locked loop			155192	NSC	LM34DZ	TO-92/3	Prec temp sensor (+32° to +212°F)		1.49	1.29
24395	+	LM567CN LMC567CN	DIP-8 DIP-8	Tone decoder99			107107	NSC NSC	LM35CZ	TO-92/3 TO-220/3	Prec temp sensor (-40° to 110°C)		3.75 1.95	2.95
246650 27490	ST	NE571N	DIP-0	Tone decoder			192217 155740	NSC	LM35DT LM35DZ	TO-92/3	Prec temp sensor (-55° to 150°C) Prec temp sensor (0° to +100°C)		1.19	1.55 .89
287785	ADI	AD581KH	TO-5/3	10V volt ref hi prec. 10mV tolernce 8.95			120820	♦	LM335AZ	TO-92/3	Precision temp sensor		.59	.55
918436	INS	SA612AD/01 🕿	SOIC-8	Dbl balanced mixer & oscillator 1.95			23755	+	LM335Z	TO-92/3	Volt mode temp sensor		.49	.45
115174	ADI	AD620AN	DIP-14	Low-cost instrument amp 6.49			241939	ADI	AD590JH	TO-52/3	Two terminal IC temp transducer		6.25	5.25
115182	ADI	AD633JN	DIP-8	Low-cost analog multiplier 6.95	5 6.2	5 5.25	313306	ADI	AD594AQ	DIP-14	Thermocple amp for iron-constantan	11.99	10.49	9.25
118578	+	MC1495L	DIP-14	Linear 4 quadrant multiplier 9.95	5 8.9	5 7.95	313293	ADI	AD595AQ	DIP-14	Thermocple amp for chromel-alumel	11.99	10.49	9.25
23211	+	LM1496N	DIP-14	Balanced mod/demodulator39			302551	DAL	DS18S20	TO-92/3	High-prec. 1-wire digital thermo	3.49	2.59	1.95
1944821	+	P1803AC	TO-220	Balanced three-chip sidactor 1.49				7	Droccuro Concor	c Availat	ole Online — Enter Web Cod	lo IDV		
34278	+	ULN2003A*	DIP-16	Hi-volt/curr. darl. transistor array25					riessule selisul	Availal	ne Online — Enter Web Cou	e JDV		
193826 1147178	+ TI	ULN2003AD ULN2003AN ≈	SOIC-16 DIP-16	Hi-volt/curr. darl. transistor array 45 Hi-volt./curr. darlington trans. array 49			Alle	one	Hall Effe	ct Se	nenr	* ₁ /	Veb Code	· RFR
700630	TI	ULN2003ANR	DIP-16	Hi-volt./curr. darlington trans. array49										
34294	+	ULN2004AN	DIP-16	Hi-volt/curr. darl. transistor array39			Part No.		Part No. Pkg.		iption	1	10	100
34972	+	XR2206CP	DIP-16	Monolithic function generator 5.49			1718743	A1302	EUA-T R SIP-3	Contin	nuous-time ratiometric linear sensor	\$.95	\$.85	\$.79
34999	+	XR2211N	DIP-14	FSK demodulator/tone decoder 1.95	5 1.7	5 1.49	™ M		um Digital	Doto	ntiomotor	***	V-F 0- J-	IDD
280073	TI	TLE2426CLP	TO-92/3	Rail splitter prec. virtual ground 1.09		9 .95	The last	CHUC	HP Digital	rule	nuometei	_^/	Veb Code	. JBP
34316	+	ULN2803A₹	DIP-18	Hi-volt/curr. darl. transistor array5			Part No.	Mfr. P	art No. Pkg.	Descr	iption	1	10	100
34315	+	ULN2803A*	DIP-18	Hi-volt/curr. darl. transistor array45			241744		11010-I/P ≉ DIP-8		, 256 steps, SPI digital pot			\$1.55
700648	TI	ULN2803ADW	SOIC-18	Darlington transistor array, I-temp .65			241752	MCP4	12010-I/P ≉ DIP-14	1 10kΩ	, 256 steps, 2-ch SPI digital po	t 1.95	1.75	1.49
700664 890787	TI ST	ULN2803AN ? ULN2804A ?	DIP-18 DIP-18	Darlington transistor array, I-temp 1.15 8 darlington array w/ common emitter .55			Volta	ao D) ogulators			*14	Ich Cada	. TAC
123625	NSC	LM2907N-8	DIP-10	Frequency to volt converter 1.69			voita	ge r	Regulators			·· VI	leb Code:	IAC
23317	NSC	LM2907N	DIP-14	Frequency to volt converter 1.75			Part No.	®Mfr.	Product No.	Pkg.	Description	1	10	100
23350	NSC	LM2917N-8	DIP-8	Freq. to volt conv. w/ zener 1.75			23499	+	LM309K	TO-3/2	5V, 1A (0°C to +125°C)		\$5.49	\$4.95
23341	NSC	LM2917N-14	DIP-14	Freq. to volt conv. w/ zener 1.49	9 1.3	9 1.25	192268	♦	LM317AT		3-terminal adj. (1.2V-37V)		1.25	.89
12079	+	CA3046N	DIP-14	NPN transistor array89	9 .7	9 .69	837898 192276	NSC ◆	LM317AT/NOPB 2 LM317HVT		3-term. 1.5A output adj pos, I-temp 3-terminal adj. (1.2V-57V)		1.35 1.75	.95 1.35
12159	+	CA3086N	DIP-14	Transistor array NPN			837927	NSC			3-term. 1A output adj pos, C-temp		1.75	1.45
12247	+	CA3162E★	DIP-16	Dual slope&rate analog/digi. conv. 15.95			23544	♦	LM317K	TO-3/2	1.5A adj. pos. (1.2V-37V)		1.75	1.55
31974	+	SG3524N	DIP-16	Regulating pulse width modulator65			23552	+	LM317LZ	TO-92/3	100mA adj. pos. (1.2V-37V) .		.19	.17
25275	♦ ST	MC4044P M48Z02-150PC1 ₹	DIP-14 DIP-24	Frequency phase detector 6.95			898543	NSC	LM317LZ/NOPB	TO-92/3	Adjustable, 100mA positive		.39	.35
698509 698445	ST	M48T12-150PC1		5V, 150ns, 16k zeropower™ SRAM 7.9 5 5V, 150ns, 16k timekeeper SRAM 13.9 5			23580	+	LM317T 🗷	TO-220/3	1.5A adj. pos. (1.2V-37V)	35	.29	.25
698453	ST	M48T18-150PC1 ₹		5V, 150ns, 64k timekeeper SRAM 16.95			23579	+	LM317T**	TO-220/3	1.5A adj. pos. (1.2V-37V)	29	.25	.22
1950868	CAL	CWB5341	DIP-14	Dual mono CMOS/DMOS analog sw99			898800	NSC	LM317T/NOPB ₹	TO-220/3			1.05	.85
1944759	NXP	SAA6579	DIP-16	Radio data system demodulator39			23667	+	LM323K	TO-3/2	5V 3A positive		3.75	3.49
51140	+	7555IPA	DIP-8	CMOS timer39	9 .3	5 .29	296841	+	LM337LZ	TO-92/3	3-terminal adj. neg		.59	.45
875712	INS	ICM7555IPA	DIP-8	Gen. purp timer, I-temp45	5 .3	9 .35	23819 899520	♦ NSC	LM337T* LM337T/NOPB		1.5A/adj. neg. (-1.2V-37V)		.35	.29
51174	+	7660CPA	DIP-8	CMOS volt convrtr (+5 to ±5V)75	5 .5		23835	NSC ♦	LM338K	TO-3/2	1.5A adjustable negative 5A adj. pos. (1.2V-32V)		1.05 5.49	.95 4.95
316646	+	ICL7662CPA	DIP-8	Volt convrtr., 20Vin, 4.5-20V out 2.75			192284	*	LM338T		5A adjustable		1.49	1.25
1083476	TI	TL7712ACP	DIP-8	Supply voltage supervisor 49			838621	NSC			5A adjustable positive		1.75	1.35
25021	ON	MC14411P MC14490P	DIP-24	Bit rate frequency generator 4.95			900017	NSC	LM340T-5.0		5V, 1A positive, I-temp		1.05	.85
25064 118586	ON ON	MC14490P MC145151P	DIP-16 DIP-28	Hex contact bounce eliminator 4.25 Parallel input PLL freq synthesizer 5.95			23931	+	LM350K	TO-3/2	3A/3 term. adj. pos. (1.2V-33V)		4.95	4.49
1054684	TI	SN754410NE	DIP-26	Quad half-H drivers			23940	+	LM350T		3A adjustable power		.59	.49
			ıll = Extra S		1.0	1.00	24467	+	LM723CN*	DIP-14	Voltage regulator (2V-37V)		.29	.25
		·		3			301719	+	LM723H	TO-5/10	2V - 37V, 150mA adj		3.95	3.75
Linea	r IC	Kit		SAVE \$47	-		107166	NSC	LM2936Z-5.0	TO-92/3	Ultra-low quiescent current 5V		1.75	1.39
			2CD TLOS	March Street	200 20	1700	51246 51263	+	7805K 7805T ≉	TO-3/2	5V 1A pos. (LM340K-5) 5V 1A pos. (LM340T-5)		1.75	1.49
io eacii:		CP, TL074CN, TL08 N. LM308N, LM311		T, LF353N, LF356N,	000	1000	51263	+	7805T **		5V 1A pos. (LM340T-5)		.25 .22	.22 .19
		N, LM386N-1, LM3			-	-	924570	ST	L7805ACV 2		5V, 1.5A pos		.25	.22
	LF4120	CN, LMC555CN, LM	1556N, LM	723CN, LM1458N,	100	IN)	924609	ST	L7805CT ₹	TO-3/2	5V, 1.5A pos		2.75	2.49
		8N, DS1489N, ULN		_	4988	,,,,M	924633	ST	L7805CV ₹		5V, 1.5A pos		.35	.29
20 each				05T, 7912CT, 7915CT	1700		902071	NSC	LM7805CT	TO-220/3	5V, 1A positive	99	.89	.79
Part No.		ription	14, EIVI741	Wt. (lbs.)	1	10	786138	FSC	LM7805CT ₹		5V, 1A pos., I-temp		.29	.25
84988		ocs. (40 types) and	alog IC kii			10 \$179.95	797267	ON	MC7805ACTG ₹		5V, 1A pos., C-temp		.35	.29
130411		for 84988 (480 p		1.3		159.95	876109	ON	MC7805BT		5V, 1A pos., I-temp		.35	.29
130411	Kenil	107 04700 (400 р	03.)	1.017	,,,,	107.73	876125	ON	MC7805BTG ≈		5V, 1A pos., I-temp		.29	.25
		*MUX/DFMUX	Availahl	e Online — Enter Web Code RAB			876221 *10 pec /	ON **20 ==	MC7805CT		5V, 1A pos., C-temp		.29	.25
		DEIVIONS	J.vanabi	- Interest of the AME			*10 pcs./	20 pc	s. included in Linear	ки, јеп		пипиес	on nex	ı page
* ADI = Ar	nalog Dev	vices CAL = Calog	ic FSC =	Fairchild Semi INS = Intersil NSC	= Nation	al Semi	NXP = NXP/Ph	nilip Sem	i ON = ON Semi	ST = ST	Micro TI = Texas Instruments	◆ Mar	nufacturer	Varies

ROHS compliant product 🕙 This product is available in both ROHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166



For Package Illustrations See Page 2

RoHS	RoHS (⊕ RoHS /	Compilant Pro Also Available	duct DETAILS ON PAGE 166	
€ D	ALLA	s 🖚	менье	



















* Web Code: VAX

Volta	ge R	*Web Code: TAC							
Part No.	•Mfr.	Product No.	Pkg./Pins	Description	1	10	100		
876248	ON	MC7805CTG ≈	TO-220/3	5V, 1A pos., C-temp	\$.35	\$.29	\$.25		
51183	+	78L05 🕿	TO-92/3	5V 100mA pos	25	.22	.19		
51182	+	78L05**	TO-92/3	5V 100mA pos	22	.19	.17		
889428	ST	L78L05ACZ 🕿	TO-92/3	5V, 100mA pos	29	.25	.22		
902291	NSC	LM78L05ACZ	TO-92/3	5V, 100mA positive	59	.45	.35		
973831	FSC	LM78L05ACZ ₹	TO-92/3	5V, 100mA pos., I-temp	22	.19	.17		
1303290	NSC	LM78L05ACZ/NOPB	TO-92/3	3-terminal 5V, 100mA pos	69	.55	.45		
192233	+	78M05	TO-220/3	5V 500mA pos	25	.22	.19		
902514	NSC	LM78M05CDT/NOPB	TO-252/3	3-terminal 5V positive	1.45	1.15	.85		
51297	+	7806T	TO-220/3	6V 1A pos. (LM340T-6)	35	.29	.25		
51300	+	7808T*	TO-220/3	8V 1A pos. (LM340T-8)	35	.29	.25		
840886	NSC	LM7808CT/NOPB ≈	TO-220/3	8V, 1A positive, I-temp	1.45	1.15	.85		
876791	ON	MC78L08ACPG ₹	TO-92/3	8V, 100mA pos., C-temp	25	.19	.15		
876352	ON	MC7809CT₹	TO-220/3	9V, 1A pos., C-temp	29	.25	.22		
192225	+	78L09ACZ	TO-92/3	9V 100mA pos	22	.19	.17		
51318	+	7812K	TO-3/2	12V 1A pos. (LM340K-12)	2.15	1.95	1.75		
51335	+	7812T 🕿	TO-220/3	12V 1A pos. (LM340T-12)	25	.22	.19		
51334	+	7812T **	TO-220/3	12V 1A pos. (LM340T-12)	22	.19	.17		
889305	ST	L7812CV 🕿	TO-220/3	12V, 1.5A pos	29	.25	.22		
902127	NSC	LM7812CT	TO-220/3	12V, 1A positive	1.05	.95	.85		
876395	ON	MC7812BTG ₹	TO-220/3	12V, 1A pos., I-temp	39	.35	.29		
876441	ON	MC7812CTG ₹	TO-220/3	12V, 1A pos., C-temp	39	.35	.29		
51203	+	78L12*	TO-92/3	12V 100mA pos	22	.19	.17		
902389	NSC	LM78L12ACZ	TO-92/3	3-terminal 12V positive	39	.35	.29		
192241	+	78M12	TO-220/3	12V 500mA pos	22	.19	.17		
51369	+	7815K	TO-3/2	15V 1A pos. (LM340K-15)	1.75	1.49	1.25		
51377	+	7815T*	TO-220/3	15V 1A pos. (LM340T-15)	29	.25	.22		
902151	NSC	LM7815CT	TO-220/3			.85	.75		
51414	+	7824T	TO-220/3	24V 1A pos. (LM340T-24)	25	.22	.19		
51457	+	7905T*		-5V 1A neg. (LM320T-5)		.25	.22		
902637	NSC	LM7905CT		3-terminal -5V negative		1.05	.75		
877179	ON	MC7905CTG ₹		-5V, 1A neg., C-temp		.29	.25		
51422	+	79L05	TO-92/3	-5V 100mA neg		.19	.17		
877216	ON	MC7908CTG ₹		-8V, 1A neg., C-temp		.35	.29		
51481	+	7912T *		-12V 1A neg. (LM320T-12)		.25	.22		
902661	NSC	LM7912CT		3-terminal -12V negative		1.05	.75		
877275	ON	MC7912CTG ₹		-12V, 1A neg., C-temp		.35	.29		
51502	+	7915T *		-15V 1A neg. (LM320T-15)	29	.25	.22		
*10 pcs./ *	**20 pc	s. included in Linear	kit, pg 14						
	* Voltage References Available Online — Enter Web Code TBD								
	*DC-DC Controllers Available Online — Enter Web Code VFL								

*Power Drivers & Modules Available Online — Enter Web Code REK

*Switching Regulators Available Online — Enter Web Code DEN

*Hot Swap Controllers Available Online — Enter Web Code JAX

LM1086CT-3.3 T0-220/3 1.5A low dropout pos. (3.3V) 1.15

LM1086CT-5.0 T0-220/3 1.5A low dropout pos. (5V) 1.49

LM1117MPX-ADJ SOT-223/3 800mA low dropout linear89

LM1117T-3.3/NOPB₹ TO-220/3 800mA, 3.3V, LDO 1.45

NSC LM1086CT-ADJ/NOPB₹ TO-220/3 1.5A adj. LDO pos, C-temp 1.75

TO-220/3 5A low dropout adj. pos. \$2.49 \$1.95

TO-220/3 5A low dropout 3.3V pos. 2.49

TO-220/3 3A low dropout adj./fixed pos. 1.25

TO-220/3 500mA, 3.3V LDO, I-temp 1.75

Low Drop-Out Voltage Regulators

Product No.

NSC LM1084IT-3.3

LT1085CT

I M1117T-3.3

LT1587CT-3.3

NSC LM2937ET-3.3

LM1084IT-ADJ

299743

299735

282757

192305

192313

835631

251782

242115

242114

244152

NSC

Low [)rop	-Out Voltag	ge Re	gulators (Cont.)	* N	/eb Code:	MBT
Part No.	•Mfr.	Product No.	Pkg./Pins	Description	1	10	100
297810	NSC	LM2937ET-5.0	TO-220/3	500mA, 5V LDO	. \$1.75	\$1.45	\$.95
107182	+	LM2940CT-5	TO-220/3	5V LDO reg. (max. 45Vin)	1.35	1.05	.75
897381	NSC	LM2940CT-5.0/NOPB	TO-220/3	1A, 5V LDO pos	1.55	1.25	.95
192495	+	LM2940CT-12	TO-220/3	12V LDO reg. (max. 45Vin)	1.45	1.15	.85
837505	NSC	LM2940T-5.0/NOPB	TO-220/3	1A, 5V LDO, I-temp	1.45	1.15	.85
121064	+	LM2941CT	TO-220/5	1A LDO adjustable (45Vin)	1.45	1.15	.85
1944880	+	LP2950ACN	TO-92/3	100mA adj. LDO volt. reg	29	.25	.19
266757	+	LP2950CZ-5.0	TO-92/3	100mA low pwr. LDO	49	.39	.35
121110	+	LP2951ACP	DIP-8	Adjustable µ power volt-reg.	49	.39	.25
1315492	ON	LP2951CN-3.0	DIP-8	3V, 100mA LP LDO (I-temp)	39	.29	.25
192524	+	LM3940IT-3.3	TO-220/3	1A LDO for 5V to 3.3V	1.75	1.45	1.05

JIIIIP		WILCITCI VO	itaye i	regulators		
Part No.	•Mfr.	Product No.	Pkg./Pins	Description	1	10
156566	+	LM2574N-5	DIP-8	Step-down 5-voltage regulator \$1	.49	\$1.25
279638	NSC	LM2575HVT-5.0	TO-220/5	Switcher 1A step-down V-reg, hi Vin range 3	.49	2.95
192372	+	LM2576HVT-ADJ	TO-220/5	Switcher 3A step-down V-reg, high Vin range 4	.25	3.25
245569	+	LM2576T-5.0	TO-220/5	Simple switcher 3A step-down voltage reg 2	.25	1.75
120977	+	LM2576T-ADJ	TO-220/5	Simple switcher 3A step-down voltage reg. 1	.45	1.05

Heat Sinks











• Material: black anodized aluminum (except for P/N 107297 – light weight alum.)

• P/N 42622 can be mounted vertically with solderable mounting tabs

F	Part No.	®Mfr.	Product No.	Туре	Hole	Size (L" x W" x H")	1	10	100
2	2077335	AVD	501200B00	DIP-14/16	0	0.73 x 0.25 x 0.19	\$.49	\$.45	\$.39
3	326757	JVP	529801B02500 ₹	TO-218	3	1.64 x 1.00 x 1.50	1.19	.99	.85
6	596714	AVD	577002B00000G ₹	TO-220	1	0.52 x 0.25 x 0.75	29	.25	.22
•	158051	AVD	577102B0000G ₹	TO-220	1	0.52 x 0.36 x 0.75	29	.25	.22
6	596722	AVD	581002B02500G ₹	TO-220	1	0.64 x 0.64 x 1.00.	1.25	1.15	1.05
3	326596	+	507302B00000	TO-220	1	0.75 x 0.38 x 0.75	29	.25	.22
7	70658	JVP	THM6073 ₹	TO-220	1	0.75 x 0.36 x 0.75	29	.25	.22
2	2077327	COM	8314021B00 (TO-262)	TO-220	0	0.75 x 0.50 x 0.50	39	.25	.25
4	10504	WKF	291-H-36AB ₹	TO-220	1	1.00 x 0.36 x 0.86	79	.59	.49
•	107297	CTS	PSC2-U (cup-style)₹	TO-220	0	1.00 x 0.42 x 0.80	49	.45	.39
4	12622	AVD	563002B00000₽	TO-220	1	1.18 x 1.00 x 0.50	35	.29	.25
7	70915	JVP	THM6106₹	TO-220	2	1.18 x 1.00 x 0.50	69	.59	.49
•	129242	JVP	THM6106	TO-220	2	1.18 x 1.00 x 0.50	65	.55	.45
3	326693	JVP	531002B05200 ₹	TO-220	2	1.38 x 0.50 x 1.00	89	.79	.69
3	326713	JVP	531102B02500	TO-220	3	1.38 x 0.50 x 1.50	99	.79	.65
:	326765	JVP	531302B02500 ₹	TO-220/202	2 3	2.50 x 1.38 x 0.50	92	.90	.77
•	151547	JVP	635-125B2 ₹	TO-3	4	1.83 x 1.40 x 1.25	1.49	1.39	1.25
•	189835	AVD	501303B00000G	TO-3	4	1.90 x 1.40 x 0.50	75	.69	.65
•	16513	JVP	DUDE4 ₹	TO-3	4	4.75 x 1.50 x 1.25	3.75	3.25	2.75
•	129226	JVP	For 486 CPUs (adhes	ive back)	0	1.58 x 1.58 x 0.39	2.95	2.75	2.49
-									

Accessories

Part No.	IVIII .	MIT. Part NO.	Description		10	100
1582541	WKF	120-8	Silicon oil-based compound 8oz. jar	\$26.95	\$23.95	\$19.95
1582575	WKF	175-6-240-P ≈	KAPTON™ reinforced insulator for TO-220	29	.25	.22

Heat Sink Mounting Kit

· TO-220 heat sink insulator assemblies

· 10 kits per pack

Part No.	Туре	Description	1	10	100
34121	TO-220	5 pcs per kit	\$3.95	\$3.55	\$3.19

CTS = CTS Electronic | FSC = Fairchild | JVP = Jameco ValuePro | NSC = National Semi | WKF = Wakefield | ♦ Mfr. Varies

* Web Code: MBT

10

.85

1.25

1.19

.79

1.75

\$1.59

.75

65

.95

1.25

.59

.85

.69

1.49





* Web Code: FEN

Trans	isto	rs					*1	Veb Code	: FEN
						*	Order i	n multipl	es of 1
Part No.	®Mfr.	Cross Ref.	Pkg.	Desc.	v_{ceo}	Min. (h _{FE} @ Ic)	1	10	10
26462	+	MPSA06	TO-92	NPN	80	100k @ .01A		\$.045	\$.03
26489	+	MPSA13*	TO-92	NPN	30	5k @ .01A		.059	.05
210593	+	MPSA14	TO-92	NPN	30	20k @ .10A		.045	.03
210681	+	MPSA18	TO-92	NPN	45	500 @ .001A		.065	.05
33021	+	TIP29A TIP31A*	TO-220 TO-220	NPN NPN	60 60	15 @ 1A 10 @ 3A		.25 .25	.22
33048 179354	FSC	TIP31C	TO-220	NPN	100	10 @ 3A		.25	.22
390568	ST	TIP35C	TO-220	NPN	100	25 @ 1.5A		.95	.85
33081	+	TIP41A	TO-220	NPN	60	15 @ 3A		.35	.29
179371	+	TIP41C ₹	TO-220	NPN	100	15 @ 3A		.29	.25
178546	+	MPSA42	TO-92	NPN	30	40 @ .03A	*	.065	.05
288631	+	TIP48	TO-220	NPN	300	30 @ .3A		.29	.25
179240	FSC	TIP102	TO-220	NPN	100	1k @ 3A	45	.39	.35
32977	+	TIP102*	TO-220	NPN	100	1k @ 3A	39	.35	.29
1094723	FSC	TIP102_NL₹	TO-220	NPN	100	1k @ 3A	49	.45	.39
32994	+	TIP120 🕿	TO-220	NPN	60	1k @ 3A	39	.35	.29
32993	+	TIP120*	TO-220	NPN	60	1k @ 3A	35	.29	.25
179291	FSC	TIP120	TO-220	NPN	60	1k @ 3A	39	.35	.29
179303	FSC	TIP122	TO-220	NPN	100	1k @ 3A	39	.29	.25
120416	+	TIP122	TO-220	NPN	100	1k @ 3A	35	.25	.22
390445	ST	TIP142 ₹	TO-218	NPN	100	1k @ 0.5A		.95	.85
254810	+	BC337	TO-92	NPN	45	100 @ .10A		.045	.03
211529	+	MJE340	TO-225	NPN	300	30 @ .05A		.25	.22
254799	+	BC547C	TO-92	NPN	45	600 @ .002A		.039	.03
254781	+	BC548B	TO-92	NPN	30	110 @ .002A		.039	.03
300568	MOT	MPS918	TO-92	NPN	15	20 @ .003A		.08	.07
38228	+	2N2219A	TO-39	NPN	40	100 @ .15A		.39	.35
924289	ST	2N2222 🗷	TO-39	NPN	30	35 @ 0.1mA		.39	.35
26446	+	MPQ2222 PN2222**	DIP-14	NPN	40	100 @ .15A		2.75	2.49
28628 38237	+	2N2222A 🗶	TO-92 TO-18	NPN NPN	30 40	100 @ .15A 100 @ .15A		.065	.05
38236	*	2N2222A*	TO-18	NPN	40	100 @ .15A 100 @ .15A		.39	.35
213938	*	MMBT2222A	SOT-23	NPN	40	100 @ .15A 100 @ .15A		.029	.02
210673	+	MPS2222A	TO-92	NPN	40	40 @ .50A		.045	.03
178512	+	PN2222A ₹	TO-92	NPN	40	100 @ .15A		.035	.02
178511	+	PN2222A	TO-92	NPN	40	100 @ .15A		.029	.02
803268	ON	PN2222AG ₹	TO-92	NPN	40	50 @ .001A		.065	.05
803049	ON	P2N2222AG ₹	TO-92	NPN	40	35 @ .01A	*	.07	.06
1945014	FSC	PN2484	TO-92	NPN	60	250 @ .001A	*	.09	.07
38295	+	2N3053*	TO-39	NPN	40	25 @ .15A	55	.49	.45
38308	+	2N3055⊕*	TO-3	NPN	60	15 @ 10A	89	.79	.69
211406	+	2N3055A	TO-3	NPN	60	20 @ 4A	1.75	1.45	1.15
211385	+	TIP3055	TO-218	NPN	60	5 @ .001A	75	.65	.55
25857	+	MJE3055T	TO-220	NPN	60	20 @ 4A	39	.35	.29
194415	+	2N3439	TO-39	NPN	350	40 @ .02A	59	.49	.39
1944919	NSC	PN3566	TO-92	NPN	30	80 @ .002A		.12	.07
209242	+	2N3771	TO-3	NPN	40	15 @ 15A		1.75	1.49
140151	+	2N3773	TO-3	NPN	140	15 @ 8A		1.95	1.75
38360	+	2N3904 🗷	TO-92	NPN	40	100 @ .01A		.029	.02
38359	+	2N3904**	TO-92	NPN	40	100 @ .01A		.025	.02
178597	FSC	2N3904	TO-92	NPN	40	100 @ .01A		.029	.02
783421	FSC	2N3904 ?	TO-92	NPN	40	100 @ .01A		.035	.02
385161	ON	2N3904G ₹	TO-92	NPN	40	40 @ 0.1mA .		.039	.03
94967	+	MMBT3904	SOT-23	NPN	40	100 @ .01A		.029	.02
1944927	FSC	PN4275	TO-92	NPN	15	35 @ .01A		.09	.07
38421 1201390	♦	2N4401*	TO-92	NPN	40 30	100 @ .15A		.039	.03
1201380	FSC	PN4953	TO-92	NPN	30	150 @ .01A 20 @ 12A		.045	.03
310666 1945081	♦ FSC	2N5038 2N5306	TO-3 TO-92	NPN NPN	150 25	7000 @ .002A		.045	3.95
1945081	+	2N5306 2N6059	TO-92	NPN	100	750 @ 6A		1.75	1.49
924300	▼ ST	2N6284 2	TO-3/2	NPN	100	750 @ 6A 750 @ 10A		2.49	2.25
	FSC	MPS6515	TO-3/2	NPN	25	250 @ .002A		.05	.04
1945031			10-72	141 14	20	200 C .002A		.00	.04

		•	-						
						*	Order	in multipl	es of 10
Part No.	•Mfr.	Cross Ref.	Pkg.	Desc.	V _{ceo}	Min. (h _{FE} @ Ic)	1	10	100
194618	+	2N6547	TO-3	NPN	400	12 @ 5A	\$3.75	\$3.49	\$3.15
194626	+	2N6678	TO-3	NPN	400	8 @ 15A	6.95	6.25	5.49
33030	+	TIP30A	TO-220	PNP	60	15 @ 1A	39	.35	.29
33064	+	TIP32A*	TO-220	PNP	60	10 @ 3A	29	.25	.22
181841	+	TIP32C	TO-220	PNP	100	10 @ 3A	29	.25	.22
890592	ST	TIP36C₹	TO-218	PNP	100	25 @ 1.5A	1.05	.95	.85
33101	+	TIP42A	TO-220	PNP	60	15 @ 3A	39	.35	.29
139580	+	TIP42C	TO-220	PNP	100	15 @ 3A	35	.29	.25
179258	+	TIP107	TO-220	PNP	100	1k @ 3A	39	.35	.29
288526	+	TIP115	TO-220	PNP	60	1k @ 1A	35	.29	.25
33013	+	TIP125	TO-220	PNP	60	1k @ 3A	29	.25	.22
179320	+	TIP127	TO-220	PNP	100	1k @ 3A	35	.29	.25
1085500	FSC	MPS750RL	TO-92	PNP	40	75 @ .05A	25	.17	.15
194378	+	2N2905A	TO-39	PNP	60	100 @ .15A	45	.39	.35
924297	ST	2N2907 🗶	TO-39/3	PNP	-40	75 @01A	49	.45	.39
26454	+	MPQ2907	DIP-14	PNP	40	100 @ .15A	1.95	1.75	1.49
28644	+	PN2907**	TO-92	PNP	40	100 @ .15A	*	.035	.029
211342	+	MPS2907A	TO-92	PNP	60	100 @ .15A	*	.055	.049
178520	+	PN2907A	TO-92	PNP	60	100 @ .15A	*	.035	.029
38279	+	2N2907A*	TO-18	PNP	60	100 @ .15A	45	.39	.35
211502	+	MJ2955	TO-3	PNP	60	20 @ 4A	99	.89	.79
25831	+	MJE2955T	TO-220	PNP	60	20 @ 4A	39	.35	.29
1944986	FSC	PN3644	TO-92	PNP	45	100 @ .01A	*	.06	.04
178618	FSC	2N3906	TO-92	PNP	40	100 @ .01A	*	.039	.035
38375	+	2N3906**	TO-92	PNP	40	100 @ .01A	*	.035	.029
805597	ON	2N3906G 🗷	TO-92	PNP	40	100 @ 10A	*	.039	.035
1944943	FSC	PN4122	TO-92	PNP	40	150 @ 1mA	*	.12	.07

Transistors (Continued)

1944951 FSC PN4355

1944935 FSC PN4917

261121 NTE NTE6410[†]

2N4403*

2N5401

2N5884

2N6042

2N6052

*10 pcs./**100 pcs. in Transistor cabinet kit, below

38447

210649

253438

194571

194597

Transistor Assortment Cabinet Kit

PNP 60

PNP 40

PNP 30

PNP

PNP 80

PNP

100

100

30

† Unijunction

100 @ 1mA

150 @ 1mA *

60 @ .01A*

4 @ 25A 2.49 2.15

750 @ 6A<mark>. 2.49 2.25</mark>

— 4.95 4.49

.039

.039

1.75

1.95

100 @ .15A ...

TO-92

TO-92

TO-92

TO-92

TO-3

TO-3

TO-220 PNP

TO-92 PN

Includes: 20 drawer component cabinet (319600), 20 clear plastic drawers (319601), 20 clear dividers (319611), pg 155 and 30 adhesive labels for drawers to identify parts in kit 10 each: 2N2222A, 2N2907A, 2N3053, 2N3055, 2N4401,

2N4403, 2N5951, 2N7000, MJE3055T, MPF102, MPSA06, MPSA13, TIP31A, TIP32A, TIP102, TIP120

100 each:	SAVE \$9			
Part No.	Description	Wt. (lbs.)	1	10
82595	560 pcs. (20 types) NPN, PNP transistor kit	5.1	\$69.95	\$62.95
130374	Refill for 82595 (560 pcs.)	0.4	49.95	44.95

J-FET	S	Please Note: Manufacturer may vary				*Web Code: JAD			
Part No.	Cross Ref.	Pkg.	Desc.	BV _{GS} @ I _G (μΑ)	I _{DSS} (mA) @ V _{DS}	* (Order in 10	multipl	
26403	MPF102*	TO-92	N-Ch	-25 @ -10	2 @ 15	*	\$.10	\$.09	\$.055
210622	2N3819	TO-92	N-Ch	-25 @ -1	20 @ 15	*	.08	.07	.05
1945006	PN4093	TO-92	N-Ch	-40 @ 1	15 @ 20	*	.09	.07	.04
253948	2N5457	TO-92	N-Ch	-25 @ -10	1 @ 15	*	.08	.07	.05
253921	2N5458	TO-92	N-Ch	-25 @ -10	2 @ 15	*	.09	.07	.05
38527	2N5951*	TO-92	N-Ch	-30 @ -1	7 @ 15	*	.08	.07	.055
253913	2N5460	TO-92	P-Ch	40 @ 10	-1 @ -15	*	.10	.08	.055
*10 pcs. in	Transistor cab	inet kit, above							

TE = NTE Electronics | ON = ON Semi | ST = ST Micro | ♦ Manufacturer Varies

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🗈 Details on page 166.



















N-Ch:	anne	el & P-Cha	annel M	10SF	EΤς		* v	Veb Code	e: GCJ
1 011	umic	, a i one	armici iv	1031	LIJ	k		n multipl	
Part No.	•Mfr.	Cross Ref.	Pkg.	Desc.		Min. On-St. DS Current	1	10	100
669871	+	IRFZ24N	TO-220AB	N-Ch	55	17A		\$.79	\$.59
669927	+	IRFBG30	TO-220AB	N-Ch	1000	3.1A	1.25	1.15	1.05
669935	+	IRFZ34N	TO-220AB	N-Ch	55	26A	85	.75	.65
669943	+	IRLZ34N	TO-220AB	N-Ch	55	30A	79	.69	.59
669951	+	IRFZ44N	TO-220AB	N-Ch	55	49A	95	.85	.75
669978	+	IRFZ46N	TO-220AB	N-Ch	55	53A	99	.89	.79
669986	+	IRFZ48N	TO-220AB	N-Ch	55	64A	1.05	.95	.85
256031	+	BS170	TO-92	N-Ch	60	0.5A (max	.) *	.10	.08
570080	+	IRFP250	TO-247	N-Ch	200	30A	1.95	1.75	1.49
570098	+	IRFP250N	TO-247AC	N-Ch	200	30A	1.75	1.35	1.15
570101	+	IRFP260N	TO-247	N-Ch	200	50A	2.75	1.95	1.45
70135	+	IRFP450	TO-247	N-Ch	500	14A	2.05	1.85	1.65
570143	+	IRFP460	TO-247	N-Ch	500	20A	2.49	2.25	1.85
209234	+	IRF510	TO-220	N-Ch	100	5.6A	79	.59	.45
209226	+	IRF520	TO-220	N-Ch	100	10A	55	.45	.39
209058	+	IRL520N	TO-220	N-Ch	100	10A	65	.55	.45
210500	+	IRF530	TO-220	N-Ch	100	14A	79	.69	.59
70151	+	IRF530N	TO-220AB	N-Ch	100	17A	85	.75	.65
210518	+	IRF540	TO-220	N-Ch	100	27A	75	.65	.55
210526	+	IRF620	TO-220	N-Ch	200	6.0A	45	.39	.35
210534	+	IRF630	TO-220	N-Ch	200	9.0A	45	.39	.35
210542	+	IRF640	TO-220	N-Ch	200	18A	79	.69	.59
70231	+	IRF644	TO-220AB	N-Ch	250	14A	79	.69	.59
210551	+	IRF730	TO-220	N-Ch	400	5.5A	75	.65	.55
210569	+	IRF740	TO-220	N-Ch	400	10A	65	.55	.45
210577	+	IRF820	TO-220	N-Ch	500	4.0A	59	.49	.45
210585	+	IRF830	TO-220	N-Ch	500	4.5A	55	.45	.39
184719	+	IRF840	TO-220	N-Ch	500	8.0A	85	.75	.65
787798	FSC	RFP12N10L ₹	TO-220AB	N-Ch	100	12A	69	.59	.45
70258	+	IRF1010E	TO-220AB	N-Ch	60	75A	1.49	1.35	1.25
570274	+	IRF1310N	TO-220AB	N-Ch	100	36A	1.45	1.25	1.15
570282	+	IRF1405	TO-220AB	N-Ch	55	169A	2.45	2.15	1.95
279460	+	VN2222LL	TO-92	N-Ch	60	0.75A	25	.22	.19
373602	FSC	MTP3055VL ₹	TO-220	N-Ch	60	12A	75	.59	.49
1559640	INR	IRF3205PBF	TO-220	N-Ch	55	110A	1.75	1.55	1.35
18089	+	IRF3205	TO-220	N-Ch	55	110A	1.55	1.35	1.15
70354	+	IRF3415	TO-220AB	N-Ch	150	43A	1.75	1.55	1.35
518071	+	IRL3705	TO-220	N-Ch	55	89A	1.25	1.15	1.05
570371	+	IRFPS37N50A	Super-247	N-Ch	500	36A	6.25	5.49	4.75
75051	FSC	RFP50N06₹	TO-220AB	N-Ch	60	50A	95	.75	.65
178669	FSC	2N7000*	TO-92	N-Ch	60	0.2A	*	.08	.06
119423	+	2N7000	TO-92	N-Ch	60	0.3A	*	.07	.05
783594	FSC	2N7000 🕿	TO-92	N-Ch	60	0.75A	*	.09	.07
140169	+	2N7002	SOT-23	N-Ch	60	0.5A	*	.035	.02
256057	+	BS250	TO-92	P-Ch	-45	0.25A (max	.) .49	.45	.39
1944901	+	ZVP3306A†	TO-92	P-Ch	-60	-0.4A	39	.29	.25
1559851	INR	IRF4905PBF ₹	TO-220AB	P-Ch	-55	-74A	1.75	1.55	1.45
570442	+	IRF4905	TO-220AB	P-Ch	-55	-74A	1.49	1.35	1.25
570477	+	IRF5210	TO-220AB	P-Ch	-100	-40A	1.75	1.55	1.35
70485	+	IRF5305	TO-220AB	P-Ch	-55	-31A	99	.89	.79
70581	+	IRF9Z34N	TO-220AB	P-Ch	-55	-1.8A	89	.79	.69
70629	+	IRF9520	TO-220AB	P-Ch	-100	6A		.55	.45
70741	+	IRF9530	TO-220AB	P-Ch	-100	-12A		.49	.45
570637	+	IRF9530N	TO-220AB		-100	-14A		.89	.79
70645	+	IRF9540N	TO-220AB	P-Ch	-100	-23A		1.05	.95
70653	+	IRF9640	TO-220AB		-200	-11A		.95	.85
		stor cabinet kit, pg							

TOR.less	ernational Rectifie	Hexfe	t Po	wer	MOSFETs	* V	Veb Code	: HDU
Part No.	Mfr. Part No.	Pkg.	Desc.	BV _{DS}	Min. On-St. DS Current	1	10	100
1563083	IRFZ24	TO-220AB	N-Ch	60	17A	\$1.49	\$1.25	\$1.19
1563147	IRFZ44NPBF ₹	TO-220AB	N-Ch	55	49A	99	.89	.79
1562363	IRFP450PBF ₹	TO-247AC	N-Ch	500	14A	2.15	2.05	1.85
1560051	IRF540NPBF ₹	TO-220AB	N-Ch	100	33A	1.75	1.45	1.29
1559965	IRF5305PBF₹	TO-220AB	P-Ch	-55	-31A	1.05	.95	.85
1561619	IRF9640PBF₹	TO-220AB	P-Ch	-400	-11A	1.15	.95	.85

Smal	l Sig	* Web Code: JDQ				
					Order in multiple	es of 10
Part No.	•Mfr.	Product No.	Pkg.	Description	10	100
179207	VSH	1N914	DO-35	100PRV	\$.025	\$.022
36311	+	1N914**	DO-35	75PRV, 0.01A		.019
655269	+	1N914A	DO-35	100VRRM, 0.2A.	04	.03
**100 pc	s. in Dio	de/Rectifier cabinet kit, p	g 18			

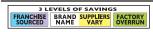
Zenei	. Dio	des				× 1	Veb Code	: LAF
					* Oı	rder ir	n multiple	es of 10
Part No.	•Mfr.	Product No.	Pkg.	V_{Znom}	Pwr Dissipation	1	10	100
36290	+	1N751A	DO-35	5.1V	0.5W	*	\$.035	\$.029
178773	VSH	1N4732A	DO-41	4.7V	1W	*	.045	.039
36097	+	1N4733A*	DO-41	5.1V	1W	*	.045	.039
36118	+	1N4734A	DO-41	5.6V	1W	*	.045	.039
36126	+	1N4735A⊕	DO-41	6.2V	1W	*	.045	.039
178837	+	1N4739A	DO-41	9.1V	1W	*	.045	.039
36169	+	1N4742A*	DO-41	12V	1W	*	.045	.039
36185	+	1N4744A	DO-41	15V	1W	*	.045	.039
743488	FSC	1N5226B ₹	DO-35	3.3V	0.5W	*	.029	.025
179047	+	1N5231B	DO-35	5.1V	0.5W	*	.019	.015
179135	+	1N5250B	DO-35	20V	0.5W	*	.022	.019
804818	ON	1N5352BG ₹	Surmetic-40	15.0V	5W	.25	.22	.19
804914	ON	1N5359BG ₹	Surmetic-40	24.0V	5W	.25	.22	.19
*10 pcs. i	n Diode/	Rectifier cabinet l	it, pg 18					

Diode	25				*N	/eb Code	: PAK
				*	Order in	n multiple	es of 10
Part No.	®Mfr.	Product No.	Pkg.	Description	1	10	100
35941	+	1N270*	DO-7	80PRV (Germanium)	. \$.99	\$.89	\$.79
313402	+	MMBD914 ₹	SOT-23	100V _{RRM} , 0.2A (Switching)	*	.019	.015
312101	+	MBR1100	DO-41	100PRV, 1.0A (Schottky)	25	.22	.19
787940	FSC	RURP3020 ₹	TO-220AC	200V _{RRM} , 30A (Ultrafast)	1.55	1.35	1.29
1559164	INR	HFA08TB60PBF ₹	TO-220AC	600VBR, 8A (Ultrafast)	69	.59	.55
179215	VSH	1N4148	DO-35	100PRV (Switching)	*	.015	.012
36038	+	1N4148**	DO-35	75PRV, 0.01A (Switching) .	*	.012	.009
151247	+	1N4148T+R	DO-35	75PRV, 0.01A (Switching) .	*	.012	.009
743656	ST	1N5711	DO-35	70V _{RRM} , 15mA (Schottky) .	25	.19	.15
10 pcs./	**100 p	cs. in Diode/Rectifier	cabinet kit,	pg 18			

Sank	ex Fast-u	ın & ını	u-Hole Pkg. Irlacs	··· V	veb code	: PCH					
Part No.	Mfr. Part No.†	Pkg.	Rating (X _{DRM} , I _{T(RMS)})	1	10	100					
658216	TG35E60≈	Fast-On	Isolated 35A, 600V	\$8.95	\$7.95	\$6.95					
658267	TG35F40 ≈	Fast-On	Isolated 35A, 400V	8.95	7.95	6.95					
658275	TG35F60₹	Fast-On	Isolated 35A, 600V	8.95	7.95	6.95					
657192	TMG8C60F₹	TO-220F	Isolated 8A, 600V	1.09	.99	.89					
† For cros	† For cross references to Littelfuse, ST, and ON Semi products, refer to datasheets @ Jameco.com.										

* FSC = Fairchild Semi | INR = International Rectifier | ON = ON Semi | ST = ST Micro | VSH = Vishay | * Manufacturer Varies

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



140417

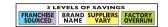
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†_{Isolated}

2N6507

2N65092

Triacs, Rectifiers & Bridge Rectifiers



* Web Code: IRD

Triac	S				* V	Ve b Cod e	: PAE
Part No.	•Mfr.	Product No.	Pkg.	Rating	1	10	100
31819	+	SC146B	TO-220	200 V _{DRM} , 10A (2N6342)	\$1.49	\$1.35	\$1.19
31827	+	SC146M	TO-220	600 V _{DRM} , 10A (2N6344)	1.95	1.75	1.49
1165690	BNS	TIC201M	TO-220	600 V _{DRM} , 2.5A	49	.39	.25
220492	TEC	Q4008R4	TO-220AB	400 V _{DRM} , 8A	89	.79	.69
139336	TEC	Q4015L5	TO-220AB	400 V _{DRM} , 15A	1.29	1.19	1.09
160215	TEC	Q6008L5	TO-220AB	600 V _{DRM} , 8A	1.09	.99	.89
220505	TEC	Q6025R6	TO-220AB	600 V _{DRM} , 25A	1.75	1.55	1.35
220521	TEC	Q6035P5	TO-3	600 V _{DRM} , 35A	7.49	6.95	6.49
140425	+	2N6071A	TO-225AA	200 V _{DRM} , 4A	39	.35	.29

* Transient	Voltage Suppressor	Available Online —	Enter Web Code OBO
II alisielli	VUILAUE SUDDI ESSUI	Available Utilitie —	· Litter vven code and

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Silico	on Co	ontrolle	d Rectifie	rs (SCRs)	* V	Veb Code	: BAB
					* Order i	n multipl	es of 10
Part No.	●Mfr.	Cross Ref.	Pkg.	Rating	1	10	100
14859	+	C38M	TO-65	600 PRV, 35A (2N3899)	\$6.95	\$6.25	\$5.49
14736	+	C106B1*	TO-202	200 PRV, 4A (2N6239)	69	.59	.49
14752	+	C122B	TO-220	200 PRV, 8A	1.29	1.19	.99
14761	+	C122M	TO-220	600 PRV, 8A [†]	1.35	1.25	1.05
119802	+	2N5060	TO-92	25 PRV, 0.8A	*	.12	.10
211422	+	2N5061	TO-92	60 PRV, 0.8A	*	.12	.10
160135	TEC	S6025L	TO-220AB	600 V _{DPM} , 25A	1.35	1.25	1.15

TO-220AB

TO-220AB

*10 pcs. in Diode/Rectifier cabinet kit, below right

400 PRV, 25A.

800 V_{DRM}, 25A

Recti	fiers	S			* V	Veb Code	: LBD
				* 0	rder in	n multiple	es of 10
Part No.	®Mfr.	Cross Ref.	Pkg.	Rating	1	10	100
177754	TAT	T6A05L	T6L	50 PIV, 6A	\$.39	\$.35	\$.29
177762	TAT	T6A10L	T6L	100 PIV, 6A	49	.45	.39
177818	TAT	T6A100L	T6L	1000 PIV, 6A	69	.59	.49
801617	ON	MR856G₹	Case-267	600 @ 3A	*	.12	.10
35924	+	1N1188	DO-5	400 PRV, 35A	4.25	3.75	3.35
618100	+	MBR745	TO-220	35V _{RRM} , 7.5A	35	.29	.25
802193	ON	MUR1640CTG ₹	TO-220AB/3	400 PIV, 16A	1.25	1.15	1.05
790647	ON	MBR1645G ₹	TO-220AC/2	45 PIV, 16A	89	.69	.59
35975	+	1N4001*	DO-41	50 PRV, 1A	*	.025	.019
1537862	DDI	1N4001G-T	DO-41	50V _{RRM} , 1A	*	.055	.05
76962	+	1N4002 🗷	DO-41	100 PRV, 1A	*	.029	.025
76961	+	1N4002	DO-41	100 PRV, 1A	*	.025	.019
76970	+	1N4003	DO-41	200 PRV, 1A	*	.025	.019
35991	+	1N4004**	DO-41	400 PRV, 1A	*	.025	.019
1537918	DDI	1N4004-T	DO-41	400 PRV, 1A	26	.14	.08
76988	+	1N4005	DO-41	600 PRV, 1A	*	.025	.019
76996	+	1N4006	DO-41	800 PRV, 1A	*	.025	.019
36012	+	1N4007 🗷	DO-41	1000 PRV, 1A	*	.029	.025
36011	+	1N4007*	DO-41	1000 PRV, 1A	*	.025	.019
1537951	DDI	1N4007-T	DO-41	1000 V _{RRM} , 1A	*	.06	.05
36249	+	1N5401	DO-201AD	100 PIV, 3A	*	.10	.08
77083	+	1N5402	DO-27A	200 PRV, 3A	*	.10	.08
36265	+	1N5404*	DO-27A	400 PRV, 3A		.10	.08
36273	+	1N5408⊕*	DO-27A	1000 PRV, 3A	*	.10	.08
177949	+	1N5817	DO-204AL	20 PIV, 1A	*	.10	.08
177957	+	1N5818	DO-204AL	30 PIV, 1A	*	.10	.08
177965	+	1N5819	DO-204AL	40 PIV, 1A	*	.10	.08
743681	ON	1N5819G ≈	DO-41	40 PIV, 1A		.15	.13
1538419	DDI	1N5819HW-7-F ₹	SOD-123	40 V _{RRM} , 1A (Schottky)	29	.25	.22

Kecti	Hei	5 (Continued	1)		V	en coue.	LDU
					* Order in	multiple	s of 10
Part No.	●Mfr.	Cross Ref.	Pkg.	Rating	1	10	100
177973	+	1N5820	DO-201AD	20 PIV, 3A	*	\$.15	\$.12
177981	+	1N5821	DO-201AD	30 PIV, 3A	*	.15	.12
177990	+	1N5822	DO-201AD	40 PIV, 3A	25	.17	.15
805183	ON	1N5822G ₹	DO-201AD	40 PIV, 3A	25	.22	.19
743701	ON	1N5822RLG 🕿	DO-201AD	40 PIV, 3A	25	.22	.19
1538435	DDI	1N5822-T	DO-201AD	40 V _{RRM} , 3A (Schottky)	29	.25	.22
618062	+	40CPQ060	TO-247AC	60 V _{RRM} , 40A (Schottky)	1.75	1.49	1.25

MBR20100CTG ₹ TO-220AB/3 100 @ 20A

Dactifiars (Continued)

886657

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.75

Briag	e Ke	ectifiers				_×W	eb Code:	MBD
Part No.	•Mfr.	Product No.	Pkg. [†]	Rating		1	10	100
178001	+	DF005M	DF	50 V _{RRM} ,	1A	\$.29	\$.25	\$.22
103000	+	DF01M	DF	100 V _{RRM} ,	1A	.29	.25	.22
103042	+	DF02M	DF	200 V _{RRM} ,	1A	.29	.25	.22
102971	+	DF04M	DF	400 V _{RRM} ,	1A	.29	.25	.22
103034	+	DF06M	DF	600 V _{RRM} ,	1A	.29	.25	.22
256575	+	DF08M	DF	800 V _{RRM} ,	1.5A	.29	.25	.22
103026	+	DF10M	DF	1000 V _{RRM} ,	1A	.29	.25	.22
145429	+	KBP02M	KBP	200 V _{RRM} ,	1.5A	.39	.35	.29
119562	+	KBP04M*	KBP	400 V _{RRM} ,	1.5A	.39	.35	.29
279494	+	W005G	W0G	50 V _{RRM} ,	1.5A	.45	.39	.35
103018	+	W02G	W0G	200 V _{RRM} ,	1.5A	.49	.45	.39
102980	+	W04G	W0G	400 V _{RRM} ,	1.5A	.49	.45	.39
179469	+	W08G	W0G	800 V _{RRM} ,	1.5A	.49	.45	.39
279515	+	W10G	W0G	1000 V _{RRM} ,	1.5A	.49	.45	.39
178132	+	W01M	WOM	100 V _{RRM} ,	1.5A	.25	.22	.19
178141	+	W02M	W0M	200 V _{RRM} ,	1.5A	.25	.22	.19
78183	TAT	BR805D	BR8D	50 PIV,	2A	.49	.45	.39
78247	TAT	BR810D	BR8D	1000 PIV,	2A	.49	.45	.39
253260	+	2KBP06M	KBP	600 V _{RRM} ,	2A	.45	.35	.29
253286	+	2KBP10M	KBP	1000 V _{RRM} ,	2A	.49	.39	.35
299882	+	GBPC1204	GBPC	400 V _{RRM} ,	12A	1.95	1.49	1.2
99874	+	GBPC1206	GBPC	600 V _{RRM} ,	12A	1.95	1.75	1.49
299866	+	GBPC1206W	GBPC-W	600 V _{RRM} ,	12A	1.75	1.35	.99
179477	+	GBPC25-01	GBPC	100 V _{RRM} ,	25A	1.95	1.49	1.2
179485	+	GBPC25-02	GBPC	200 V _{RRM} ,	25A	1.95	1.49	1.2
1544704	VSH	GBPC2506-E4/1 ₹	GBPC	600 V _{RRM} ,	25A	2.49	2.15	1.75
178280	+	MB254	MB35	400 V _{RRM} ,	25A	2.49	2.15	1.75
25574	+	MDA990-3	179-01	200 PIV,	30A	3.75	3.49	3.25
25591	+	MDA990-6	179-01	600 PIV,	30A	3.95	3.75	3.49
178431	+	MB358	MB35	800 V _{RRM} ,	35A	2.95	2.75	2.49
178335	TAT	TB252	TB35	200 PIV,	25A	1.95	1.75	1.49
178503	TAT	TB3510	TB35	1000 PIV,	35A	3.49	3.25	2.95
*10 pcs. ir	n Diode/	Rectifier cabinet kit, b	elow					

[†] DF/KBP/W0G/W0M/179-01 – plastic case; GBPC/TB35 – plastic case, metal base; MB35 – metal case

Diode/Rectifier Assortment Cabinet Kit

420 pcs. (15 types) Diodes, Zener Diodes, Switching and Silicon Rectifiers

Includes: 20 drawer component cabinet (319600), 20 clear plastic drawers (319601), 20 clear dividers (319611), pg 155 and 30 adhesive labels for drawers to identify parts in kit.

10 each: 1N270, 1N751A, 1N4001, 1N4007, 1N4150, 1N4733A, 1N4735A, 1N4742A, 1N5404, 1N5408, C106B1, KBP04M

o cacii.	111914, 1114004, 1114140	5	AVE	070
art No.	Description	Wt. (lbs.)	1	10
2587	420 pcs. (15 types) diode kit	5.0 \$	39.95	\$34.95
30366	Refill for 82587 (420 pcs.)	0.3	29.95	26.95
2587	420 pcs. (15 types) diode kit	5.0\$		

*BNS = Bourns | DDI = Diodes Incorporated | ON= ON Semi | TAT = Taitron | TEC = Teccor | VSH = Vishay | * Manufacturer Varies

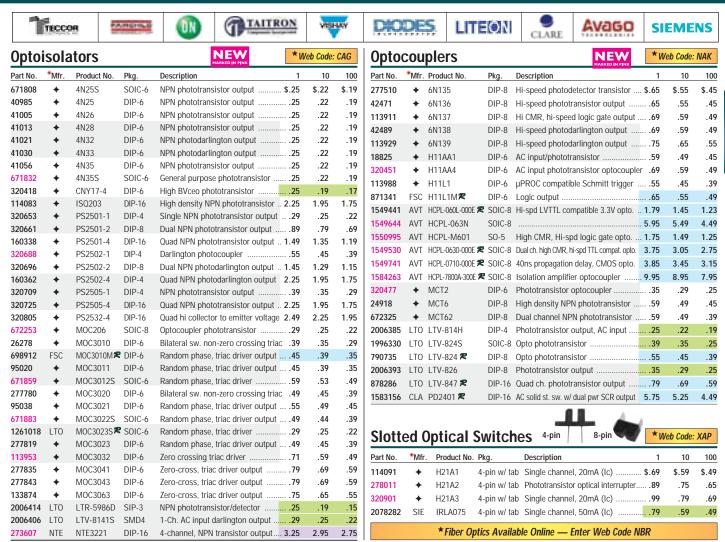
ROHS compliant product
This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 16



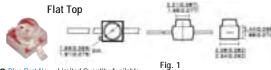
*10 pcs./ **100 pcs. in Diode/Rectifier cabinet kit, right



Optoisolators, Optocouplers & Subminiature LEDs

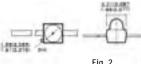


1.90mm (.075") Subminiature LEDs



Flat-Top or Dome Style





Viewina

Wavelength

565



Pricing

LEELER

47

.43

Blue Part No. = Limited Quantity Available

Emitting

Hi-perf. Green

Lens/Feature

Diffused with resistor

Typical

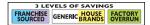
5@4

Iv Typical

Part No. Mfr. Part No Mfr Fig Description Vf@If mcd @ mA Angle 10 500 1555690 HLMP-P205-F0011₹ AVT Non-diffused, untinted 1.8 @ 10 \$.49 \$.45 Hi-eff. Red 8@10 635 \$.35 \$.29 1555817 HI MT-PH00-P0011 ₹ AVT 1 Red Orange Non-diffused, untinted 2@20 120@20 621 125 .49 .45 .35 .29 HLMP-P505-G0011₹ 1555711 AVT Hi-perf. Green Non-diffused, untinted 2.1@10 6.3 @ 10 565 .45 .39 .29 .25 1 125 1554902 HLMP-6000**₹** € AVT 2 Red Diffused tinted 1.6 @ 10 12@10 655 90 45 .35 .25 .19 HLMP-Q156-H0021₹ 49 .45 29 1584976 **AVT** Non-diffused, untinted 1.6 @ 0.5 7@0.5 654 15 .35 1584968 HLMP-Q106-R0011 AVT 2 Red Non-diffused, untinted 1.9 @ 20 400@10 654 15 49 45 .35 29 1554945 HI MP-6300 8 AVT Hi-eff Red Diffused tinted 18@10 10@10 655 90 49 29 .19 16 1555219 HLMP-7000₹ AVT 2 Hi-eff. Red Diffused, tinted 1.8 @ 10 1@2 635 90 .45 .39 .29 .25 1555147 HLMP-6620**₹** AVT Hi-eff. Red Diffused, with resistor 5@4 2@5 635 90 .59 .49 .39 .35 1584802 HLMP-7019₹ AVT 2 Yellow Diffused, tinted 2@10 0.6@2 583 90 .45 .35 .25 .19 HI MP-6400 2 2@10 9@10 90 .45 .19 1554996 AVT 2 Yellow Diffused, tinted 583 .35 .25 1555041 HLMP-6500**₹** AVT 2 Hi-perf. Green Diffused, tinted 2.1@10 7@10 565 90 .45 .35 .25 .19 1555059 HLMP-6500-F0010₹ AVT Hi-perf. Green Diffused, tinted (right angle housing) 2.1@10 7@10 90 .49 .39 .29 .25 565 1555104 HLMP-6505-L0021 AVT Hi-perf. Green Non-diffused, untinted 2.1@10 40@10 565 28 .45 .35 .25 .19

> CLA = Clare | FSC = Fairchild Semi | LTO = Lite On | NTE = NTE Electronics | SIE = Siemens ◆ Manufacturer Varies AVT = Avago Technology |

* For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



HI MP-6820 2

1584790

2@5

.37





Standard-Output LEDs See page 24 for LED Mounting Hardware * Web Code: FAF * Order in multiples of 10 Wavelength Pricing Lens/Feature LED Diameter Dimensions Lead Typical Typical Viewina Mfr. Part No Product No. Fig. Description Size inch/mm Α" В" Spacing mcd nm Angle° 10 100 202471 UNI MVI -301HR 0.119/3 0.14 2.0 9.0 640 \$.10 \$.08 Red Red diffused **∙** T1 1.12 0.10 40 * \$.06 0.10 253278 HI MP-1301 FSC. Red Red diffused 0.119/3 0.19 1.00 19 635 60 .11 .09 .07 T1 5 4 136282 LA44B/2I JVP 3 Red diffused (dual) .60" LDS 0.119/3 0.38 1.7 50 39 35 25 .19 Red 0.17 0.10 12 635 LT0344R-412 T1 * 152751 LFD 1 Red Red clear i0.119/30.20 0.89 0.10 2.1 529 635 36 .10 .08 .06 152785 LT0341R-41₹ * LFD Red Red diffused **:** T1 0.119/3 0.20 0.89 0.10 2.1 15.5 635 56 .10 .08 .06 333171 JVP 2 Red Red clear T1 0.119/3 0.19 1.04 0.10 1.6 3.0 660 45 .11 .09 .07 Red diffused 333851 UT6371-41-M12 JVP Red 0.119/3 0.17 0.98 0.10 1.7 47 * .12 10 .08 T1 63 660 .09 LHR2643₹ IVP Red Water clear 0.119/3 0.13 300 40 * 07 333260 **¹** T1 0.98 0.10 15 660 .11 206498 LHR2041₹ JVP Red 0.119/3 0.17 0.69 0.08 2.0 350 30 .12 .10 Red transparent 660 .15 94529 LH2040 2 * JVP Red diffused (XC209RB) 0.119/3 0.18 0.07 36 Red 1.04 2.3 4.5 697 .10 .08 .06 0.14 114673 I H2043 2 3 JVP Red Water clear (BR209) i T1 i 0.119/3 0.98 0.07 2.3 12 697 30 .10 08 .06 0.21 * 2006713 LTL-161CE LTO Red diffused, flanged **ι** Τ1 0.118/3 1.07 0.10 2.0 60 .09 07 .05 1 Hi-eff Red 12.6 621 697581 LTL-4221 LTO Hi-eff Red Red diffused 0.118/3 0.207 1.00 0.10 2 8.7 635 40 * .11 .09 .07 697590 LTL-4221N₹ LTO 2 Hi-eff Red Red diffused T1 0.118/3 0.175 1.00 0.10 2 8.7 635 60 * .11 .09 .07 Bright Red 1956637 ITI-4211N Red diffused T1 0.175 2.1 697 60 * .05 LTO 0.118/3 1.00 0.10 4.4 .08 06 697565 LTO 2 Bright Red Red diffused 0.118/3 0.175 1.00 0.10 2.1 4.4 697 60 .09 .07 .06 94553 LHG2062₹ JVP Red/Green White diffused bi-color/bi-state1 i T1 0.119/3 0.18 0.08 2.3 3 & 15 697/565 36 .19 15 .12 1.06 0.16 0.08 * .19 .15 .12 156946 LT0362-25-D61 4 Red/Green White diff, bi-color/ tri-state T1 0.119/3 0.87 2.1 2.7/13.3 700/567 50 34657 LY2040 JVP Yellow Yellow diffused (XC209Y) T1 0.119/3 0.16 0.68 0.08 2.3 585 36 10 .08 15 .12 45 * 2006705 LTL-1CHYE LTO 1 Yellow Water clear, flanged T1 0.119/3 0.21 1.07 0.10 2.1 40 585 .08 06 .05 206480 I VY2041 2 IVP Yellow Yellow transparent T1 0.119/3 0.17 0.69 0.08 23 450 595 30 .12 10 .08 697688 I TI -4251N₹ LTO 2 Yellow Yellow diffused 0.175 1.00 0.10 2.1 585 60 * .11 .09 .07 T1 0.118/3 5.6 2006721 LTL-14CD II DI LTO Yellow/Green White diffused bi-color, flanged 0.119/3 0.19 1.35 0.10 2 1 8.7/12.6 585/565 80 * .19 15 .12 34606 LSG2040 2 3 JVP Green Green diffused (XC209G) 0.119/3 0.13 1.05 0.08 2.2 15 560 50 .15 .12 .10 * .12 .08 333201 LG12340 🗷 IVP Green Green diffused 0.119/3 0.13 0.98 0.10 17 9.6 565 112 .10 JVP 0.119/3 0.38 15 50 39 .35 25 .19 136274 I A44B/2G 🕿 3 Green diffused (dual) .60" LDS iΤ1 0.17 0.10 2.3 565 Green 2006676 LTL-42DINMHDPI LTO 3 Green/Yellow Gr/yel diffused (dual) .13" LDS 0.119/3 0.38 0.17 0.10 2.1 12/6 565/585 60 39 .35 25 .19 175679 I VG2041 🕿 JVP Green Green transparent T1 0.119/3 0.17 0.69 0.08 2.2 129 565 30 .11 .09 .07 114681 LVG20432 3 IVP Green Water clear (BG209) T1 0 119/3 0.14 0.98 0.07 22 129 565 30 11 09 07 253665 HLMP-1540**≈** FSC Green Water clear 0.119/3 0.19 1.00 0.10 45 2.2 565 45 .12 .10 .08 1 !T1 253631 HI MP-1503 **FSC** Diffused 0.119/3 0.19 1.00 0.10 2.1 1.0 60 .12 .10 .08 Green I T1 565 * 156930 I T0321-41-HF € LFD Green diffused i T1 0.118/3 0.16 0.88 0.10 2 1 32 15 12 10 1 Green 567 56 211086 LTL-4231N-022 LTO 2 Green Green diffused ¦Τ1 0.119/3 0.13 1.10 0.10 2.1 12.6 565 40 * .08 .06 .05 1956602 LTL4231N LTO 2 Green diffused T1 0.118/3 0.175 1.00 0.10 2.1 565 60 * .08 12.6 .10 .06 697637 LTL-4231NZ LTO 2 Green Green diffused **.** T1 0.118/3 0.175 1.00 0.10 2.1 12.6 565 60 * .12 .10 .08 LTL-4231**≈** 697629 LT0 2 Green diffused 0.118/3 0.207 1.00 0.10 2.1 * .12 .10 .08 Green **!** T1 12.6 565 40 137411 I VB2040 2 JVP Blue Blue diffused 0.119/3 0.21 0.98 0.10 4.8 10 430 50 89 .79 .69 59 334457 LSBI2640 JVP Blue Blue diffused I T1 0.119/3 0.17 0.98 0.10 3.8 50 40 .89 .79 .69 .59 2 430 333383 UT63B1-41-M1A2 🕿 JVP Blue Blue diffused i T1 i 0.119/3 0.17 0.98 0.10 3.8 50 54 49 .45 .35 29 2 466 333973 UT1871-81-M1 IVP 1 Red Red diffused T1 ¾ 0.197/5 0.34 0.98 0.10 1.7 75 660 25 * .12 .10 .08 94511 LH3330**₹** JVP Red Red diffused (XC556RB) T1 ¾ 10.197/5 0.31 0.81 0.08 2.3 3 697 36 .15 .12 .10 104248 LA93B/H-1 2 3 JVP 5 Red Red diffused (XC410R) T1 ¾ 10.197/5 0.35 0.89 0.08 2.3 6.5 697 46 25 .21 .19 .15 253753 HI MP-3301₹ **FSC** Red Red diffused T1 ¾ 10.197/5 0.36 1.00 0.10 2.4 5.4 60 .15 .12 .10 635 * T1 3/4 0.197/5 34745 LH33333₹ JVP Red Water clear (XC554R) 0.30 1.00 0.08 2.3 7.5 697 20 .15 12 .10 242844 I T1811-81 🕿 LED Red Red diffused T1 ¾ 10.197/5 0.30 0.88 0.10 2.1 4.1 700 44 * .12 .10 .08 34690 I FH3360**≈** JVP Red diff. blinking (XC5410)2 T1 3/4 0.197/5 0.30 0.94 0.07 3-12 2.8 39 1 Red 697 25 35 29 302033 LT1814-81 LED Red Red diffused T1 ¾ i 0.197/5 0.34 0.88 0.10 2.1 23.1 635 22 * .10 .08 .06 2006756 LTL-5224 LTO 1 Hi-eff Red Water clear, low profile, flanged T1 ¾ 10.197/5 0.24 1.01 0.10 2.0 29 623 44 * 12 10 .08 334378 UT1841R-812 IVP Hi-eff Red Red diffused T1 ¾ 1 0.197/5 0.34 0.98 0.10 21 23.1 630 44 10 08 06 LT0 Hi-eff Red Red diffused, flanged T1 ¾ 0.197/5 2.0 40 * 09 .04 2006730 LTI -307F-3 0.34 0.87 0.10 12.6 635 .11 697522 LTL-307E₹ LTO Hi-eff Red Red diffused T1 ¾ 0.197/5 0.34 0.9 0.10 2.0 19 635 50 .11 .09 .07 697602 LTL-4223₹ LTO Hi-eff Red Red diffused T1 ¾ 0.197/5 0.34 1.00 0.10 2.0 19 635 36 * .11 .09 .07 697611 ITI-4224 ₹ LTO 1 Hi-eff Red Red transparent T1 ¾ 1 0.197/5 0.34 1.00 0.10 20 90 635 16 * 09 07 06 790081 LTL-10223W₹ LTO 2 Hi-eff Red Red diffused (flangeless) T1 3/4 0.187/4.75 0.283 1.00 0.10 2.0 60 623 60 .11 .09 .07 2006692 LTL-10224WHCR LT0 6 Hi-eff Red Red diffused (LTL-10224W) T1 ¾ 0.197/5 0.44 0.49 0.10 2.0 60 635 30 29 .25 19 .15 697573 ITI-4213₹ LTO 1 Bright Red Red diffused T1 ¾ 10.197/5 0.34 1.00 0.10 2.1 3.7 697 36 * .11 09 .07 790225 2 Red diffused T1 ¾ 0.197/5 LTO Bright Red 0.34 0.90 0.10 2.1 5.6 697 50 .11 .09 .07 *

Red/Green White diffused bi-color/bi-state T1 3/4 0.197/5

*FSC = Fairchild Semiconductor | JVP = Jameco ValuePro | LED = Ledtech | LTO = Lite-On | UNI = Unity Opto Technology

ROHS compliant product 😌 This product is available in both ROHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 16

0.30 | 1.01 | 0.09

2.3

7.5

635/565

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19

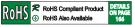
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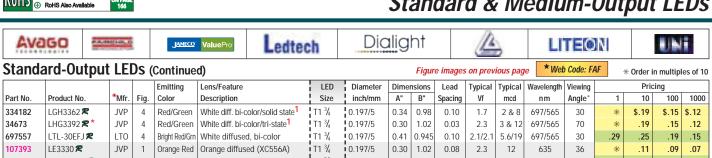
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LEG3362

^{*10} pcs. in LEDs & LED Mounting Hardware cabinet kit, pg 24 Reverse polarity to change color 2 Volt. shown is operating volt. range; no current limiting resistor required Standard-Output LEDs continued on next page



Standard & Medium-Output LEDs



				Emitting	Lens/Feature	LED	Diameter	Dime	nsions	Lead	Typical	Typical	Wavelength	Viewing	, , , , , ,			
Part No.	Product No.	●Mfr.	Fig.	Color	Description	Size	inch/mm	A"	B"	Spacing	Vf	mcd	nm	Angle°	1	10	100	1000
334182	LGH3362₹	JVP	4	Red/Green	White diff. bi-color/solid state ¹	T1 ¾	0.197/5	0.34	0.98	0.10	1.7	2 & 8	697/565	30	*	\$.19	\$.15	\$.12
34673	LHG3392 ₹ *	JVP	4	Red/Green	White diff. bi-color/tri-state ¹	T1 ¾	0.197/5	0.30	1.02	0.03	2.3	3 & 12	697/565	70	*	.19	.15	.12
697557	LTL-30EFJ ₹	LT0	4	Bright Red/Grn	White diffused, bi-color	T1 ¾	0.197/5	0.41	0.945	0.10	2.1/2.1	5.6/19	697/565	30	.29	.25	.19	.15
107393	LE3330 ₹	JVP	1	Orange Red	Orange diffused (XC556A)	T1 3/4	0.197/5	0.30	1.02	0.08	2.3	12	635	36	*	.11	.09	.07
1995927	LTL-10253 ₹	LT0	1	Yellow	Yellow diffused, flanged	T1 ¾	0.187/4.75	0.283	1.00	0.10	2.1	12.6	585	60	*	.10	.08	.06
697696	LTL-4253 🗷	LTO	1	Yellow	Yellow diffused	T1 ¾	0.197/5	0.34	1.00	0.10	2.1	19	585	36	*	.11	.09	.07
34825	LY3330 2 *	JVP	1	Yellow	Yellow diffused (XC556Y)	T1 ¾	0.197/5	0.30	0.82	0.07	2.3	12	585	36	*	.15	.12	.10
104264	LA93B/Y-1 ₹	JVP	5	Yellow	Yellow diffused (XC410Y)	T1 3/4	0.197/5	0.35	0.89	0.08	2.3	25	585	46	.25	.21	.19	.16
334108	UT1831-81-S ₹	JVP	1	Yellow	Yellow diffused	T1 ¾	0.197/5	0.34	0.98	0.10	2.1	16.4	589	44	*	.12	.10	.08
333622	LHY3330/H0 ₹	JVP	1	Yellow	Yellow diffused	T1 3/4	0.197/5	0.34	0.98	0.10	1.7	350	595	40	*	.15	.12	.10
1956645	LTL307Y	LTO	2	Yellow	Yellow diffused	T1 3/4	0.197/5	0.34	0.90	0.10	0.1	29	585	50	*	.10	.08	.06
697549	LTL-307Y ₹	LTO	2	Yellow	Yellow diffused	T1 ¾	0.197/5	0.34	0.90	0.10	0.1	29	585	50	*	.12	.10	.08
790381	LTL-553-11 🗷	LT0	5	Yellow			0.189/4.8	0.37	0.32	0.10	2.1	12.6	585	60	*	.19	.15	.12
152831	LT1831-81-UR ₹	LED	1	Bright yellow	Yellow diffused	T1 3/4	0.197/5	0.34	0.89	0.10	2.0	424	593	41	.39	.35	.25	.19
790090	LT-10233W ₹	LTO	1	Green	Green diffused (Flangeless)	T1 3/4	0.187/4.75	0.28	1.0	0.10	2.1	40	569	60	*	.12	.10	.08
34761	LG3330 ₹*	JVP	1	Green	Green diffused (XC556G)	T1 3/4	0.197/5	0.31	0.79	0.09	2.3	12	565	36	*	.15	.12	.10
253833	HLMP-4740 ₹	FSC	1	Green		•	0.197/5	0.36	1.00	0.10	2.2	2.3	565	50	*	.15	.12	.10
334086	LG13740 ₹	JVP	1	Green	Green diffused	T1 ¾	0.197/5	0.34	0.98	0.10	1.7	20	565	68	*	.10	.08	.06
104256	LA93B/G-1 2 *	JVP	5	Green	Green diffused (XC410G)	T1 ¾	0.197/5	0.35	0.89	0.08	2.3	30	565	46	*	.19	.15	.12
1956653	LTL-4233	LT0	1	Green	Green diffused	T1 3/4	0.197/5	0.40	1.00	0.10	2.1	19	565	36	*	.10	.08	.06
697653	LTL-4233 ₹	LT0	1	Green	Green diffused	T1 3/4	0.197/5	0.40	1.00	0.10	2.1	19	565	36	*	.10	.08	.06
697661	LTL4234 ₹	LT0	1	Green	Green transparent	T1 ¾	0.197/5	0.34	1.00	0.10	2.1	60	565	16	*	.08	.06	.05
333956	LG3331 🕿	JVP	1	Green			0.197/5	0.34	0.98	0.10	1.7	150	565	20	*	.10	.08	.06
697531	LTL-307G ₹	LT0	1	Green			0.197/5	0.34	1.00	0.10	2.1	19	565	50	*	.10	.08	.06
693901	MCDL-5013GD ₹	MCD	1	Green		T1 ¾	0.197/5	0.34	1.04	0.10	2.1	12.5	565	60	*	.09	.07	.055
156962	LT1823-81-HE ₹	LED	1	Green		T1 ¾	0.197/5	0.34	0.87	0.10	2.1	500	567	19	*	.12	.10	.08
11359	LG3333 ₹	JVP	1	Green	` ′		0.197/5	0.30	1.04	0.07	2.3	100	565	20	*	.10	.08	.06
790321	LTL4238 ₹	LT0	1	Green			0.197/5	0.34	1.00	0.10	2.1	90	565	16	*	.12	.10	.08
152822	LT1821-81-HE ₹	LED	1	Green			0.197/5	0.34	0.89	0.10	2.1	96	567	41	*	.15	.12	.10
94561	LFG3360 ₹	JVP	1	Green	Green diffused blinking XC5408)		0.197/5	0.30	1.05	0.08	3-12	17	565	20	.39	.35	.29	.25
333227	LG13530 ₹	JVP	2	Hi-eff green		T1 ¾	0.197/5	0.34	0.98	0.10	1.7	25	565	70	*	.10	.09	.07
2006764	LTL-2R3CBD3	LT0	1	Blue			0.197/5	0.34	0.87	0.10	3.5	50	468	45	.49	.39	.29	.25
138691	LVB3330 2	JVP	1	Blue			0.197/5	0.34	0.98	0.10	4.8	10	430	36	.99	.89	.75	.69
137613	LSBI3333	JVP	1	Blue			0.197/5	0.34	0.98	0.08	3.8	160	430	15	.99	.89	.75	.69
134333	LT18B3-81-UR	JVP	1	Blue		-	0.197/5	0.30	0.93	0.10	3.8	350	428	20	.99	.89	.75	.69
138683	LHR3630 🕿	JVP	2	Red	` '		0.394/10	0.40	1.04	0.10	2.0	100	660	32	.35	.29	.19	.15
98984	LVG3630 🕿	JVP JVP	7	Green Red/Green	Green diffused XJumbo (XC10G) White diff. bi-color rectangular ¹		0.394/10	0.40	1.07	0.08	2.3	40	565	32	.35	.29	.19	.15
104889 790356	LEG5292 LTL-433G ₹	LTO	7	Green	•	2x5mm 2x5mm	<u> </u>	0.27	1.02	0.08	2.3	6/6 3.7	695/565 565	116 140	.25 *	.21	.19	.16 .07
320282	566-0306	DIA	8	Yellow	Yellow diffused, rectangular		15x4x7mm	0.30	0.11	0.10	2.1	3.7	583	110	.39	.35	.25	.07
320262	566-0206	DIA	8	Green	Green diffused, rectangular	:	15x4x7mm	0.28	0.11	0.10	2.1	3.5	565	110	.39	.35	.25	.19
320274	566-0406	DIA	8	Red	Red diffused, rectangular	•	15x4x7mm		0.11	0.10	2.2	7.4	635	140	.39	.35	.25	.19
320271	300-0400	DIA	0	ricu	rica antuscu, rectangulai	Lavaiiiiii	13/4///////////////////////////////////	0.20	0.11	0.10	2.0	7.4	033	140	.37	.55	.23	.17

Reverse polarity to change color *10 pcs. in LEDs & LED Mounting Hardware cabinet kit, pg 24

									A	—в—			<u> </u>	<u></u> В –	\exists			
Mediu	m-Output LEI)s	*V	Veb Code: MBW	Blue P/N = Lin	nited Qua	ntity Fi	g. 1				Fig. 2			- ÷	∗ Order i	n multiple	es of 10
Part No.	Product No.	●Mfr.	Fig.	Emitting Color	Lens/Feature Description	1	Diameter inch/mm	Dimen A"	sions B"	Lead Spacing	Typical Vf	Typical mcd	Wavelength n m	Viewing Angle°	1	Prio	ing 100	1000
156954	LT0373-41 🕿	LED	1	Red Super Bright	Water clear	T1	0.119/3	0.21	1.07	0.08	1.7	600	660	46	*	\$.19	\$.15	\$.12
333340	LHE2643 ₹	JVP	1	Orange	Water clear	T1	0.119/3	0.13	0.98	0.10	1.7	700	620	40	*	.17	.15	.12
98968	QLMP-LB98	AVT	2	Blue	Blue clear (oval)	T1	0.119/3	0.28	0.94	0.10	3.2	550	470	70	.69	.59	.45	.39
334749	UT63B3-41-UR33₹	JVP	1	Blue	Water clear	T1	0.119/3	0.17	0.94	0.10	3.2	900	470	45	.79	.69	.59	.49
334764	CMD204UWC-JV ₹	JVP	1	White	Water clear	T1	0.119/3	0.20	1.00	0.10	3.7	900	475	30	.99	.89	.75	.65
11797	QLMP-D141	FSC	1	Red	Water clear	T1 ¾	0.197/5	0.29	1.05	0.07	2.0	350	660	8	*	.19	.15	.12
2077052	HLMP-ED31	AGT	2	Red	Water clear	T1 ¾	0.197/5	0.34	0.94	0.10	2.0	1000	630	30	*	.19	.15	.12
206519	LHR3331 ₹	JVP	1	Red	Red transparent	T1 ¾	0.197/5	0.24	1.07	0.07	2.0	660	550	20	*	.19	.15	.12
152864	BVU-501RD4	JVP	1	Red Super Bright	Water clear	T1 ¾	0.197/5	0.34	0.89	0.10	1.9	600	660	20	*	.15	.12	.10
152792	LT1833-81- M1 ₹	LED	1	Yellow	Water clear	T1 3/4	0.197/5	0.34	0.89	0.10	2.1	1040	593	19	.29	.25	.19	.15
206501	LVY3331 🕿	JVP	1	Yellow	Yellow transparent	T1 ¾	0.197/5	0.24	1.07	0.07	2.2	700	595	20	*	.19	.15	.12
153154	LVG3333₹	JVP	1	Green	Water clear (HLMP-8509)	T1 ¾	0.197/5	0.36	0.90	0.10	2.3	500	565	20	*	.15	.12	.10
333551	LVG13233 ₹	JVP	1	Green	Water clear	T1 ¾	0.197/5	0.35	0.98	0.10	1.7	600	565	18	*	.19	.15	.12
1555331	HLMP-CB30-M0000 ₹ ⊙	AVT	1	Blue	Blue non-diffused	T1 ¾	0.197/5	0.34	1.00	0.10	3.8	520	470	30	.89	.79	.65	.59
334465	LDBK3331/H0 ₹	JVP	1	Blue	Blue transparent	T1 ¾	0.197/5	0.34	0.98	0.10	3.5	900	470	26	.89	.79	.65	.59

* AGT = Agilent | AVT = Avago Technology | DIA = Dialight | FSC = Fairchild Semi | JVP = Jameco ValuePro |

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



High-Output LEDs

• Typical DC forward current 20mA



Fig. 1







* Web Code: RBJ

NEW

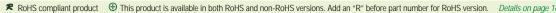
② Blue Part No. = Limited Quantity Available

Fig. 2

 $*$ Order in multiples of 10

				Emitting		LED	Diameter	Dimer		Lead	Typical	Typical	Wavelength	Viewing				
Part No.	Product No.	*Mfr.	Fig.	Color	Description	Size	inch/mm	A"	B"	Spacing	Vf	mcd	nm	Angle°	1	10	100	1000
98950	QLMP-LM98	AVT	2	Green		T1	0.119/3	0.28	0.94	0.10	3.2	2400	525	70	*	\$.19	\$.15	\$.12
1260891	LTW-42NCS ₹	LT0	2	White	Water clear	T1	0.119/3	0.18	1.00	0.10	3.5	1100	_	45	1.29	1.19	.99	.89
217525	MCDPW-3004C ₹	JVP	2	White	Water clear	T1	0.119/3	0.18	1.00	0.10	3.8	3000	_	30	1.39	1.25	1.09	.99
197641	BVT-529TT8E	JVP	2	Yellow	Yellow clear (oval)	T1 ½	0.178/4.5	0.29	1.09	0.08	2.3	3600	592	70	.59	.49	.39	.35
2006801	LTL-2H3VAKNT ₹	LTO	1	Red	Water clear, flanged	T1 ¾	0.197/5	0.34	0.87	0.10	2.0	3400	621	15	.49	.39	.29	.25
261622	LT1873-81-UR-P22 ↔	LED	2	Red	Water clear	T1 ¾	0.197/5	0.34	0.89	0.10	1.9	1200	660	25	.25	.21	.19	.16
197617	BVU-5E1QH4E ₹	JVP	1	Red	Water clear	T1 ¾	0.197/5	0.30	1.05	0.08	1.8	2180	630	15	.39	.35	.25	.19
334423	UT9C13-86-UDC2 ₹	JVP	1	Red	Water clear	T1 ¾	0.197/5	0.34	0.98	0.10	1.9	2700	630	18	.25	.21	.19	.16
333518	LUR13233 ₹	JVP	1	Red	Water clear	T1 ¾	0.197/5	0.35	0.98	0.10	1.5	2400	660	18	.25	.21	.19	.16
333526	LUR3833 🕿	JVP	1	Red	Water clear	T1 3/ ₄	0.197/5	0.35	0.98	0.10	1.5	2700	660	12	.25	.21	.19	.16
1586189	UT1813-83-UJEI	LED	1	Red		T1 ¾	0.197/5	0.34	1.00	0.10	2.1	5500	632	25	.39	.35	.29	.19
1584917	HLMP-EG08-Y2000 ₹	AVT	1	Red	Red untinted/non-diffused	T1 3/4	0.197/5	0.34	1.20	0.10	1.9	9300	635	6	.59	.45	.35	.29
333438	UT1873-81-UR⊕	JVP	1	Red	Water clear	T1 3/4	0.197/5	0.34	0.94	0.10	1.9	1000	660	10	*	.19	.15	.12
333447	UT1873-81-UR-P22R ₹	JVP	2	Super Red		T1 ¾	0.177/5	0.34	0.89	0.10	1.9	1600	660	25	*	.19	.15	.12
152805	LT1873-81-UR⊕	LED	1	Ult. Bright Red		T1 3/4	0.177/5	0.34	0.89	0.10	1.9	2000	660	12	*	.19	.15	.12
	UT1813-86-UC9T-P27⊕	JVP		Ult. Bright Red	Water clear	T1 3/4		0.34	0.94	0.10	2.2	3500	630	15			.35	.29
334481		1 1	1	"			0.197/5								.49	.45		
197683	BVT-5E1QT4ER	JVP	1	Orange Red		T1 3/ ₄	0.197/5	0.29	1.08	0.08	2.3	4650	634	15	.59	.55	.45	.39
2006799	LTL-2R3VYKNT	LTO	1	Orange	_	T1 ¾	0.197/5	0.34	0.87	0.10	2.0	1300	595	30	*	.19	.15	.12
333665	LEF3833 2	JVP	1	Orange		T1 3/4	0.197/5	0.34	0.98	0.10	1.7	1700	620	12	.29	.22	.19	.16
333649	LHE33333 ₹	JVP	1	Orange		T1 ¾	0.197/5	0.34	0.98	0.10	1.7	1800	620	20	*	.19	.15	.12
333657	LUE33333	JVP	2	Orange		T1 ¾	0.197/5	0.34	0.94	0.10	2.1	3400	620	20	.39	.35	.25	.19
333673	LUE3833 ₹	JVP	2	Orange	Water clear	T1 ¾	0.197/5	0.34	0.94	0.10	2.1	5000	620	12	.39	.35	.25	.19
215598	LT2K33-81-UC9TR₹	LED	1	Yellow	Water clear	T1 ¾	0.197/5	0.35	0.89	0.10	2.2	5000	592	5	.59	.49	.39	.35
333577	LUYS3333₹	JVP	1	Yellow	Water clear	T1 ¾	0.197/5	0.34	0.98	0.10	1.7	2700	587	20	.39	.35	.25	.19
333606	LHY3833 ≈	JVP	2	Yellow	Water clear	T1 ¾	0.197/5	0.34	0.94	0.10	2.1	2700	595	12	*	.15	.12	.10
333614	LUY3833H ≈	JVP	1	Yellow	Water clear	T1 ¾	0.197/5	0.34	0.98	0.10	1.7	5000	590	12	.45	.39	.29	.25
333569	LUY3333/A ₹	JVP	1	Yellow	Water clear	T1 ¾	0.197/5	0.35	1.00	0.10	1.7	1500	595	20	*	.15	.12	.10
333593	LHY3833 ₹	JVP	1	Yellow	Water clear	T1 ¾	0.197/5	0.35	1.00	0.10	1.7	1500	595	20	.29	.22	.19	.16
197675	BVT-5E1TT4E ₹	JVP	2	Yellow	Water clear	T1 ¾	0.197/5	0.34	1.00	0.10	2.3	7800	592	15	.55	.49	.39	.35
2006772	LTL-2H3VYKNJ1	LTO	1	Amber/Yellow	Water clear, flanged	T1 3/ ₄	0.197/5	0.34	0.87	0.10	2.0	3400	595	15	*	.15	.12	.10
2006781	LTL-2R3SYKS	LTO	1	Amber	Water clear, flanged	T1 ¾	0.197/5	0.34	0.87	0.10	2.2	2800	594	30	.39	.35	.25	.19
334473	LDGL3333/H0₹	JVP	1	Green		T1 ¾	0.197/5	0.34	0.98	0.10	3.5	3400	502	22	.99	.89	.75	.69
183214	MCDPG-503PC1₹	JVP	1	Green		T1 3/4	0.197/5	0.30	1.04	0.08	3.5	2200	515	10-15	1.49	1.35	1.19	1.09
1586197	UT4123-4D-UBC	LED	1	Green		T1 3/4	0.197/5	0.32	1.00	0.10	3.0	2500	500	28	.55	.45	.35	.29
2077079	HLMP-CM39-UVCDD	AGT	2	Green	Untinted/Non-diffused	T1 3/4	0.197/5	0.34	0.94	0.10	3.2	5000	535	30	.59	.49	.39	.35
183222	MCDL-513SBC4₹	JVP	1	Blue	Water clear	T1 ¾	0.197/5	0.29	1.02	0.08	3.6	3000	470	25	1.39	1.25	1.09	.99
1584861	HLMP-CB15-R0000 ₹	AVT	1	Blue	Blue untinted/non-diff.	T1 ¾	0.197/5	0.34	1.20	0.10	3.8	1500	472	15	1.09	.99	.85	.79
1584870	HLMP-CW30-SV000	AVT	1	White		T1 3/4	0.197/5	0.34	1.20	0.10	3.6	1900	_	30	1.39	1.25	1.09	.99
	LWK3333	JVP	1	White		T1 3/4	0.197/5	0.34	0.98	0.10	3.5	5000		16	.89	.79		.59
334502					Water clear Water clear	T1 3/ ₄											.65	
334773	UT18W3-86-UAF1-P22	JVP	1	White			0.197/5	0.34	1.00	0.10	3.6	2900	_	25	1.35	1.25	1.09	.99
183231	BVU-5C14WK4-B	JVP	1	White	Water clear	T1 3/4	0.197/5	0.30	1.06	0.08	3.5	3000	_	10	1.35	1.25	1.09	.99
142894	BVU-5E1WK4-B	JVP	1	White	Water clear	T1 ³ / ₄	0.197/5	0.34	0.79	0.08	3.5	3700	_	15	1.35	1.25	1.09	.99
1870796	MV8W00	FSC	1	White	Water clear	T1 ³ / ₄	0.197/5	0.33	1.00	0.10	3.8	2500	_	20	2.49	2.29	2.09	1.95
320531	MCDL-5013UWC	JVP	1	White	Water clear		0.197/5	0.30		0.10	3.8	5000	_	15	.99	.89	.75	.65
2077061	EM-503QWC-R12	JVP	2	White			0.197/5		1.00	0.10	4.5	5000	_	25	.99	.89	.75	.65
664405	MCDL-1860UEC-TL₹	JVP	3	Hi-Eff Red		3mm dome		0.30	0.30	0.20	2.0	3200	625	75	.85	.75	.59	.55
1952222	LTL912SEKSA ₹	LTO	3	Hi-Eff Red	Water clear (7.62mm sq.)			0.30	0.30	0.20	2.5	3750	628	60	.59	.55	.45	.39
664413	MCDL-1870UEC-TL ₹	JVP	3	Hi-Eff Red	Water clear (7.62mm sq.)			0.30	0.30	0.20	2.0	4200	625	40	.85	.75	.59	.55
2005729	LTL9145YKS	LTO	3	Amber	Water clear (7.62mm sq.)	3mm dome	0.119/3	0.30	0.30	0.20	2.5	2000	596	70	.59	.55	.45	.39
2005690	LTL911VYKSA	LTO	3	Amber	Water clear (7.62mm sq.)	3mm dome	0.119/3	0.30	0.30	0.20	2.1	600	595	70	.59	.55	.45	.39
404603	MCDL-1860UGC-TL₹	JVP	3	Green	Water clear (7.62mm sq.)	3mm dome	0.119/3	0.30	0.30	0.20	3.5	3500	525	75	1.49	1.35	1.19	1.09
664376	MCDL-1870UGC-TL ₹	JVP	3	Green	Water clear (7.62mm sq.)	3mm dome	0.119/3	0.30	0.30	0.20	3.5	7500	525	30	1.49	1.35	1.19	1.09
404591	MCDL-1860UBC-15C₹	JVP	3	Blue	Water clear (7.62mm sq.)	3mm dome	0.119/3	0.30	0.30	0.20	3.5	2500	470	75	1.49	1.35	1.19	1.09
664368	MCDL-1870UBC-TL₹	JVP	3	Blue	Water clear (7.62mm sq.)			0.30	0.30	0.20	3.5	2300	470	40	1.49	1.35	1.19	1.09
664341	MCDL-1870UWC-15C ₹	JVP	3	White	Water clear (7.62mm sq.)			0.30	0.30	0.20	3.5	6500	_	40	1.69	1.55	1.39	1.29
2005702	LTL912VEKSA ₹	LTO	3	Red	Water clear (7.62mm sq.)			0.30	0.30	0.20	2.1	1200	632	50	.49	.45	.35	.29
404582	MCDL-1860UWC-15C ₹	JVP	3	Ultra White	Water clear (7.62mm sq.)			0.30	0.30	0.20	3.5	3500	_	75	1.69	1.55	1.39	1.29
2005737	LTJ-811Y	LTO	4	Yellow		20mm dome		0.91		0.60	2.1	25	565	30	1.49	1.25	.99	.89
	273 0111	1-10		. 011044	Sp.1616 16113 (12-pill)	_ommudome	0.0/20	3.71	0.00	0.00	2.1	20	505	50	1.77	1.20	.,,	.07

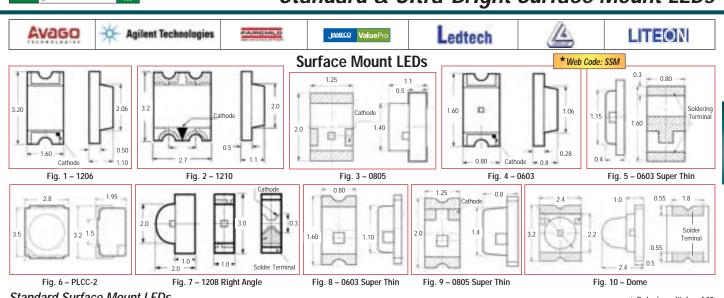
* AGT = Agilent AVT = Avago Technology | FSC = Fairchild Semi JVP = Jameco ValuePro LED = Ledtech LIG = Ligitek LTO = Lite-On







Standard & Ultra-Bright Surface Mount LEDs



Standard Surface Mount LEDs

* Order in multiples of 10

* Order in multiples										7103 01 10			
				Emitting	Lens/Feature	Typical	If Max.	lv Typical	Peak Wavelength	Viewing Angle		Pricing	
Part No.	Mfr. Part No.	[®] Mfr.	Fig.	Color	Description	Vf (V)	(mA)	mcd @ mA	(nm)	(2x Theta)	1	10	100
1556414	HSMH-C150₽	AVT	1	Red	Water clear	1.8	20	17 @ 20	630	130	*	\$.12	\$.10
697733	LTST-C150CKT ₹	LT0	1	Red	Water clear	1.8	40	25 @ 20	660	130	*	.12	.10
334318	LG-150E-DT ₹	JVP	1	Hi-eff Red	White diffused	1.7	20	8 @ 10	643	150	*	.12	.10
1996111	LTST-C150YKT ₹	LTO	1	Yellow	Water clear	2.1	20	6 @ 10	585	130	*	.11	.09
697741	LTST-C150GKT ₹	LT0	1	Green	Water clear	2.1	30	6 @ 10	565	130	*	.07	.06
2046441	LTST-C150CBKT	LT0	1	Blue	Water clear	3.7	20	20 @ 20	468	130	.35	.29	.25
334781	LG-150DBK-CT ₹	JVP	1	Blue	Water clear	3.5	20	40 @ 20	470	150	.59	.55	.45
1556300	HSMF-C155 ₹	AVT	2	Hi-eff Red/Green	Water clear	2.1/2.2	20/20	10/15 @ 20	630/570	170/170	.29	.25	.19
1556422	HSMH-C170₽	AVT	1	Red	Water clear	1.8	20	17 @ 20	660	170	*	.12	.10
1260357	LTST-C190CKT₽	LTO	4	Red	Water clear	1.8	40	10 @ 10	660	130	*	.09	.07
1556431	HSMH-C190 ₹	AVT	4	Red	Water clear	1.8	20	17 @ 20	610	170	*	.12	.10
1260365	LTST-C150EKT₽	LT0	4	Red Orange	Water clear	2.0	30	2 @ 10	630	130	*	.07	.05
697813	LTST-C190YKT ₹	LTO	4	Yellow	Water clear	2.1	20	6 @ 10	585	130	*	.09	.07
697805	LTST-C190GKT ₹	LT0	4	Green	Water clear	2.1	30	6 @ 10	565	130	*	.11	.09
2033164	LTW-C193TS5	LT0	5	White	Water clear	2.95	20	78 @ 5	_	130	*	.19	.15
658321	HSL-204DR	UNI	6	Red	Water clear	1.8	20	50 @ 20	657	130	.29	.25	.19
334756	LT5KW3-AA-UAE3	JVP	6	White	Water clear	3.2	20	550 @ 20	_	120	.39	.35	.29
658347	HSL-204MW ₹	UNI	6	White	Water clear	3.5	20	400 @ 20	_	130	.49	.45	.39
1557054	HSMS-C660 ₹	AVT	7	Red	Water clear	1.9	20	5 @ 20	639	155	.35	.29	.25
1556406	HSMG-C660 ₹	AVT	7	Green	Water clear	2.2	20	9 @ 20	570	155	.35	.29	.25
2047945	LTST-C191TBKT	LTO	8	Blue	Water clear	3.4	20	30 @ 20	468	130	.35	.29	.19

Ultra-Bright AllnGaP Surface Mount LEDs

★ Web Code: UBA * Order in multiples of 10

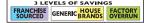
				Emitting	Lens/Feature	Typical	If Max.	lv Typical	Peak Wavelength	Viewing Angle	Pricing		
Part No.	Mfr. Part No.	●Mfr.	Fig.	Color	Description	Vf (V)	(mA)	mcd @ mA	(nm)	(2x Theta)	1	10	100
658312	MSL-154DR ₹	UNI	1	Red	Water clear	1.8	20	22.5 @ 20	660	130	*	\$.15	\$.12
697750	LTST-C150KRKT ?	LTO	1	Super Red	Water clear	2.0	30	54 @ 20	639	130	*	.15	.12
1557020	HSMS-C150 ₹	AVT	1	Hi-eff Red	Water clear	2.1	20	10 @ 20	595	130	*	.15	.12
1557071	HSMY-C150 ₹	AVT	1	Yellow	Water clear	2.1	20	8 @ 20	589	130	*	.15	.12
658283	MSL-154G ₹	UNI	1	Yellow Green	Water clear	2.2	20	6.5 @ 20	568	130	*	.15	.12
2039902	LTST-C150FKT	LTO	1	Green	Water clear	2.1	20	14.2 @ 20	565	130	*	.15	.12
1556369	HSMG-C150₹	AVT	1	Green	Water clear	2.2	20	15 @ 20	570	170	*	.15	.12
658304	MSL-174DR ₹	UNI	4	Red	Water clear	1.8	20	22.5 @ 20	660	130	*	.12	.10
697784	LTST-C170KRKT 2	LTO	3	Super Red	Water clear	2.0	30	54 @ 20	639	130	*	.15	.12
697792	LTST-C170KYKT₽	LT0	3	Yellow	Water clear	2.0	20	50 @ 20	595	130	*	.12	.10
658291	MSL-194DR ₹	UNI	4	Red	Water clear	1.8	20	22.5 @ 20	660	130	*	.12	.10
1557046	HSMS-C190 ₹	AVT	4	Hi-eff Red	Water clear	2.1	30	10 @ 20	630	130	*	.15	.12
1556385	HSMG-C190₹	AVT	4	Green	Water clear	2.2	20	15 @ 20	570	130	*	.15	.12
1556211	HSMC-A100-Q00J1 ₹	AVT	6	Red	Water clear	1.9	20	100 @ 20	635	120	*	.19	.15
1585101	HSMC-A100-R00J1 ₹	AVT	6	Red	Water clear	3.9	20	140 @ 20	639	120	*	.19	.15
658339	MSL-204UYL₹	UNI	6	Yellow	Water clear	2.0	20	120 @ 20	592	120	.39	.29	.25
1585055	HSMA-A100-Q00J1 ₹	AVT	6	Yellow Amber	Water clear	2.1	20	100 @ 20	592	120	*	.19	.15

* AVT = Avago Technology | JVP = Jameco ValuePro |

LTO = Lite-On | UNI = Unity Opto Technology

Ultra-Bright AllnGap SMT LEDs continued on next page

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



LEVELS OF SAVING FRANCHISE GENERIC HOUSE FACTORY OVERRUN

Surface Mount LEDs (Continued)

Figure images on previous page

* Web Code: UBA * Order in multiples of 10

Ultra-Bright AllnGaP Surface Mount LEDs (Continued)

				Emitting	Lens/Feature	Typicai	it iviax.	iv rypicai	Peak wavelength	viewing Angle	e Fricing			
Part No.	Mfr. Part No.	●Mfr.	Fig.	Color	Description	Vf (V)	(mA)	mcd @ mA	(nm)	(2x Theta)	1	10	100	1000
1556342	HSMG-A100-J02J1 ₹	AVT	6	Yellow Green	Water clear	2.2	20	18 @ 20	565	120	*	\$.19	\$.15	\$.12
692537	MSL-204G ₹	UNI	6	Green	Water clear	2.1	20	120 @ 20	570	120	.39	.35	.25	.19
658355	MSL-204MB	UNI	6	Blue	Water clear	3.5	20	120 @ 20	468	120	.59	.49	.39	.35
2075671	LTST-C191AKT	LT0	8	Orange	Water clear	2.1	20	2 @ 10	610	130	*	.12	.10	.08
2075680	LTST-C191KSKT	LTO	8	Yellow	Water clear	2.1	20	4.5 @ 10	585	130	*	.12	.10	.08
2075612	LTST-C171KEKT	LT0	9	Red	Water clear	2.0	20	50 @ 20	632	130	*	.12	.10	.08
2075639	LTST-C171KSKT	LT0	9	Yellow	Water clear	2.0	30	60 @ 20	588	130	*	.10	.08	.06
2075621	LTST-C171KYKT	LTO	9	Amber Yellow	Water clear	2.0	30	50 @ 20	595	130	*	.10	.08	.06
2075663	LTST-C190KFKT	LTO	9	Amber	Water clear	2.0	30	60 @ 20	611	130	*	.12	.10	.08
697830	LTST-C930KRKT 2	LT0	10	Super Red	Water clear	2.0	30	850 @ 10	639	25	*	.19	.15	.12
2075701	LTST-C930KAKT	LT0	10	Red Orange	Water clear	2.0	30	1050 @ 10	621	25	*	.12	.10	.08
697821	LTST-C930KGKT₽	LT0	10	Green	Water clear	2.0	30	365 @ 20	574	25	*	.19	.15	.12

AVago

T1% LED Housing



.28" DIA

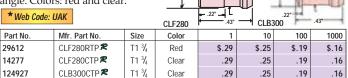
 Right angle housing For T1 ¾ LEDs

Pre-wire solderless LED interconnection
 LED pannel lenses and mounts

 LED PCB mounts sockets and standoff Order in multiples of 10 Mfr. Part No. Part No. 100 1000 1554890 HLMP-5029₹\$.21 \$.18 \$.16

788 T1¾ Cliplite® LED Lens Mounts

Standard CLF280 and low profile CLB300 provide 180° viewing angle. Colors: red and clear.



Pa

Conxrite Pre-Wired Solderless T1 & T1¾ LED Interconnect

* Web Code: UAK

Designed to replace laborintensive hard-wiring of

	0111/0504049	(-)		0.41	40.50	40.45	44 (0
art No.	Mfr. Part No.	LED Size	Termination	Length	1	10	100
2-positi	on connector or	stripped leads	Panel Lens/Mounts	L SPC	060	CNXC	X 2 1 X
	¼ bi-lead LED		CMS322		/	Wi	nite Lead
	ounted LED		CMC321 CMC323 CMS322		= 日		node (+)
	C Hara-willing						

417391	CNXBE2124₹	T1 (3mm)	2 pos. connector	24" \$2.59	\$2.15	\$1.69
143037	CNXCE2108₹	T1 ¾ (5mm)	2 pos. connector	8" 1.95	1.49	1.25
417463	CNXCE2112₹	T1 ¾ (5mm)	2 pos. connector	12" 2.09	1.75	1.39
143053	CNXCE2118₹	T1 ¾ (5mm)	2 pos. connector	18" 2.25	1.89	1.49
417501	CNXCE2112₹	T1 ¾ (5mm)	Stripped leads	12" 1.49	1.25	.99

Electroluminescence Wire

Imagine the possibilities of transforming ordinary objects with high tech visual effects. Wrap this fluorescent wire around any objects such as musical instruments, models, science projects, and presentation boards. Super charge your projects with brilliant color.

 Powered by 2 AA batteries Length: 4.5' Pa

Part No.	Mfr. Part No.	Color 1	10	2
263484	NWRB15	Blue \$22.95	\$19.95	\$17.9

Ledtech 1" x 1.56" LED Backlight

- · Low current requirements
- · High light output IC compatible Reverse voltage: 10V
- D.C. forward current: 30mA
 Pulse current: 100mA
- Peak wavelength: 567nm @ 20mA
 View angle: 52°
- Forward voltage: (typical) 4.2V @ 20mA; (max) 6.0V @ 20mA
- Luminous intensity: (min) 14.9mcd @ 20mA; (typical) 24.8mcd @ 20mA

Part No.	Mfr. Part No.	LED Material	Emitting Color	Lens Color	1	10
302535	LT1F24-A2-S8	GaP	Green	G.C	\$1.49	\$1.25

T1 & T1³/₄ LED Mounting Hardware

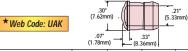
- · Color: black
- · Order in multiples of 10

* Web Code: KAL

				Mounting	Panel		Pricing	
Part No.	Mfr. P/N	Mfr.	Description	Hole Dia.	Thickness	10	100	1000
95513	LMH100₹	LIG	T1 snap-in	.185"	Up to .070"	\$.12	\$.07	\$.05
23077	LMH200₽	LIG	T1 ¾ ring/clip	.257"	Up to .125"	.15	.14	.12
1766526	4304MC ₹ ⊙	CML	T1 ¾ ring/clip	.250"	Up to .125"	.19	.11	.09

Panel Lens for PCB Mounted T1% LEDs

T1-3/4 size low-profile panel lenses provide 180° viewing angle.



Part No.	Mfr. Part No.	Size	Color	1	10	100	1000
143132	CMC321CTP₹	T1 ¾	Clear	\$.29	\$.25	\$.21	\$.19
143132	CIVIC321CTP	11 74	Clear	\$.29	\$.25	\$.21	\$.

T1 & T1³/₄ LEDs & LED Mounting Hardware Kit

• 20-drawer component cabinet (319600), 20 clear plastic drawers

(319601), 20 clear dividers (319611), pg 155 and labels • 10 ea. standard-output LEDs (34657, 114673, 114681, 34606, 34825, 34711, 104248, 34690, 34761, 104256, 34673), pg 21 & 11359, on web and LED lens mount (14277), pg 24

• 100 ea. LEDs (202471), pg 20 & 2006730, pg 20

• 100 ea. LED mounting hardware (95513, 23077), pg 24

Wt. (lbs.) Part No Description 10 84996 560 piece kit \$50.05 5.0

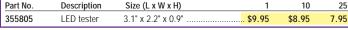
JAMECO BenchPro

* Web Code: ELW

2 thru 150mA T1 & T1 LED Tester

Pocket-size LED tester makes it easy to check functionality, color, brightness, uniformity and side-by-side testing. Plug any leaded LED into any 2 rows of sockets. 13.1 spaced positions test T1 and T1 \(^4\) LEDs from 2 to 30mA; 13.2" spaced positions test larger footprint (high flux) LEDs from 20 to 150mA. Uses 9V battery

(P/N 198731 – sold separately) Description



Design Engineer's 139 Piece LED Hardware Assortment

Allows you to mount LEDs for different applications and designs. Eliminates soldering, shrink tubing and terminal crimping.

• 139 piece hardware kit for T1 and T13/4 LEDs

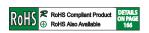
• Clear plastic case with dividers • Size: 8.5"L x 4.5"W x 1.5"H

Part No. Description Weight 10 418731 Engineer's LED hardware kit 2 0.4 lbs...... \$22.95 \$19.95

AVT = Avargo CML = CML Inovative | LIG = Ligitek | LTO = Lite-On | UNI = Unity Opto Tech.

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.





Infrared Emitters, Detectors & LED Displays













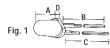


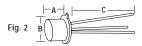


Infrared & Visible Light Emitters & Detectors

 Use for remote control and/or for fiber optics

*Web Code: VAP







						Diameter	Dir	nensio	ns (inch	ies)					Pricing	
Part No.	Product No.	●Mfr.	Fig.	Description	Size	inch/mm	Α	В	С	D	Vf @ If	nm	mWatts	1	10	100
112150	LIR2043₹	LIG	1	Infrared emitter diode (GaAs)	T1	0.125/3	0.18	0.95	0.98	0.03	1.2V @ 20mA	940	5	\$.25	\$.19	\$.15
372710	UT0383-41-940	JVP	1	Infrared emitter diode (GaAs)	T1	0.125/3	0.16	0.88	0.94	0.04	1.3V @ 50mA	940	13	.29	.25	.19
1950825	L-34F3CS₹	+	1	Infrared emitter diode (GaAs)	T1	0.125/3	0.20	1.00	1.06	0.04	1.2V @ 20mA	940	80	.39	.35	.29
112176	LPT2023₹	LIG	1	Infrared phototransistor	T1	0.12/3	0.18	0.95	0.98	0.03	30V @ 0.1A	940	100	.39	.35	.29
1872265	OP505A≈	OPT	1	Infrared silicon phototransistor	T1	0.125/3.2	0.20	0.50	0.50	0.03	30VBRCEO @100μA	850	100	.65	.59	.55
1623349	SFH484-2₹	SYL	1	Infrared emitter diode	T1 3/4	0.197/5	0.3	0.5	1.14	1.07	1.5 @ 100mA	880	25	.79	.69	.59
372737	UT1883-81-880₹	JVP	1	Infrared emitter diode (GaAs)	T1 3/4	0.200/5	0.30	0.88	0.94	0.04	1.5 @ 50mA	880	16	.35	.29	.25
1872151	OP290A ≈	OPT	1	Infrared emitter diode	T1 ¾	0.195/5	0.30	0.75	1.00	0.04	4.0 @ 1.5A	890	333	.99	.75	.65
106526	LVIR3333₹	LIG	1	Infrared emitter diode (GaAs)	T1 ¾	0.200/5	0.34	0.78	0.84	0.04	1.2V @ 20mA	940	8	.29	.19	.15
372762	UT1883-81-940	JVP	1	Infrared emitter diode (GaAs)	T1 3/4	0.200/5	0.30	0.88	0.94	0.04	1.3 @ 50mA	940	16	.35	.29	.19
1950622	TSHA5502	VSH	1	Infrared emitter diode (GaAIAs)	T1 ¾	0.200/5	0.30	0.97	1.04	0.04	1.5 @ 1mA	870	210	.59	.49	.39
373001	UT1893-91-0125	JVP	1	Infrared phototransistor	T1 ¾	0.200/5	0.34	0.88	0.94	0.04	30V @ 0.1A	870	20	.29	.25	.19
112169	UT1893-82-0125-R	LED	1	Infrared phototransistor	T1 3/4	0.200/5	0.31	1.05	1.10	0.04	30V @ 0.1A	940	20	.35	.29	.25
1872441	OP999 ₹	OPT	1	PIN silicon photodiode	T1 ¾	0.205/5.3	0.31	0.69	0.75	0.04	1.2Vf @ 1mA	200	100	.99	.89	.79
120221	BPW77NA	+	2	NPN phototransistor	TO-18	0.18/4.69	0.24	0.19	0.52	0.01	70VCEO @ 50mA	850	250	1.95	1.75	1.49
1950649	BPV22NF(L)	OPT	3	High speed photo diode	T1 ¾	0.195/5.0	0.24	1.00	1.00	_	1.0 @ 50mA	940	215	.65	.59	.49









Digit PHDP





7 & 14-Segment LED Displays

Soldering: • Soldering bath: not more than 5 seconds @ 260°C • Soldering iron: not more than 3 seconds @ 300°C under 30W

Single Digit 7-Segment Numeric LED Displays

4.			
	Meh	Code:	PR\//

emgre zign / eegment numerie zzz ziepiaye									1100 000	ie. PDVV			
			Character		Bus	Pins/	Typical	Typical	Wavelength	Decimal		Pricing	
Part No.	Manufacturer	Product No.	Height	Color	Polarity*	Leads	Vf @ If (mA)	mcd @ mA	nm	Point #	1	10	100
1955677	Lite-On	LTS-2801AG	0.28"	Green	CA	10	2.0 @ 10	0.1@5	565	RHDP	\$.89	\$.79	\$.65
24732	MCD	GNS-3011BH-11₹	0.30"	Red	CA	10	1.9 @ 20	0.3 @ 20	697	RHDP	.89	.79	.65
24783	MCD	GNS-3011CH-11₹	0.30"	Red	CC	10	2.1 @ 20	2.5 @ 20	697	RHDP	.89	.79	.65
24782	Ligitek	LSD3211-11 ₹	0.30"	Red	CC	10	2.1 @ 20	2.5 @ 20	697	RHDP	.99	.89	.75
24740	Ligitek	LSD3211-11 ₹	0.30"	Red	CA	11	2.1 @ 20	2.5 @ 20	697	LHDP	.99	.89	.75
24741	MCD	GNS3011FH-11-13 ₹	0.30"	Red	CA	11	2.1 @ 20	2.5 @ 20	697	LHDP	.89	.79	.65
334984	Jameco ValuePro	UA3051-12 2	0.30"	Red	CA	11	2.1 @ 20	0.8 @ 10	700	RHDP	.85	.75	.59
334800	Jameco ValuePro	UC3051-11 ≈	0.30"	Red	CC	10	2.1 @ 20	0.8 @ 10	700	RHDP	.85	.75	.65
789953	Lite-On	LSHD-7501 ₹	0.30"	AllnGap Red	CA	10	2.1 @ 20	12 @ 10	632	RHDP	.85	.75	.59
335011	Jameco ValuePro	UA3041-12	0.30"	Orange	CA	11	2.1 @ 20	3.3 @ 10	635	RHDP	.89	.79	.65
320469	Jameco ValuePro	UA3031-16-EWRN	0.30"	Yellow	CA	11	3.0 @ 20	2.3 @ 10	585	LHDP/RHDP	.89	.79	.65
2079226	Ligitek	LSD3352-20/RP42	0.32"	Green	CC	14	2.1 @ 20	3.5 @ 10	565	RHDP	1.09	.95	.79
2075698	Ligitek	LSD3362-20/RP42	0.32"	Green	CA	14	2.1 @ 20	3.5 @ 10	565	RHDP	1.09	.95	.79
1955714	Lite-On	LTS-367R	0.36"	Red	CC	10	1.7 @ 20	0.5 @ 10	655	RHDP	.89	.79	.65
1955722	Lite-On	LTS-4801R	0.40"	Red	CA	10	1.7 @ 20	0.5 @ 10	655	RHDP	.89	.79	.65
1955731	Lite-On	LTS-4301R	0.40"	Red	CC	10	1.7 @ 20	0.5 @ 10	655	RHDP	.89	.79	.65
2005411	Lite-On	LTS-4980AHR	0.40"	Hi-eff Red	CC	14	2.1 @ 20	2.2 @ 10	635	RHDP	.89	.79	.65
1996081	Lite-On	LTS-4510AG ≈	0.40"	Green	CA	14	2.1 @ 20	2.2 @ 10	565	RHDP	1.09	.99	.89
2075719	Ligitek	LSD4012-20A ₹	0.40"	Green	CC	14	2.1 @ 20	2.5 @ 10	565	RHDP	1.09	.99	.89
2075727	Ligitek	LSD401SBKS-20A₹	0.40"	Blue	CC	14	3.5 @ 20	12.8 @ 10	460	RHDP	2.59	2.35	2.09
17209	MCD	GNS-5011BH-11	0.50"	Red	CA	10	2.1 @ 20	0.9 @ 20	697	RHDP	1.09	.99	.89
17187	Ligitek	LSD5051-112	0.50"	Red	CC	10	2.1 @ 20	0.9 @ 20	697	RHDP	1.09	.99	.89
1955749	Lite-On	LTS-5301AR	0.56"	Red	CA	10	1.7 @ 20	0.6 @ 10	655	RHDP	1.09	.99	.89
1955757	Lite-On	LTS-6780R	0.56"	Red	CC	10	1.7 @ 20	0.6 @ 10	655	RHDP	1.09	.99	.89
335090	Jameco ValuePro	UA5651-11 ≈	0.56"	Red	CA	10	2.1 @ 20	0.8 @ 10	700	RHDP	1.09	.99	.89
2005438	Lite-On	LTS-5503	0.56"	AllnGap Red	CC	10	2.1 @ 20	17 @ 10	632	RHDP	1.09	.99	.89
1955765	Lite-On	LTS-6760P	0.56"	Bright Red	CA	10	2.1 @ 20	0.95 @ 10	697	RHDP	1.19	1.09	.99
334896	Jameco ValuePro	UC5641R-11 ₹	0.56"	Hi-eff Red	CC	10	2.1 @ 20	3.3 @ 10	635	RHDP	.99	.89	.79
335101	Jameco ValuePro	UA5641R-11 ₹	0.56"	Hi-eff Red	CA	10	2.1 @ 20	3.3 @ 10	635	RHDP	.99	.89	.79
1584335	Avago	HDSP-5501-GH000₹	0.56"	Hi-eff Red	CA	10	2.1 @ 20	2.8 @ 10	635	RHDP	2.95	2.75	2.49

* CA-Common Anode/CC-Common Cathode

LHDP-Left Hand Decimal Point / RHDP-Right Hand Decimal Point

Single Digit 7-Segment Numeric LED Displays continued on next page

*JVP = Jameco ValuePro | LED = Ledtech | LIG = Ligitek | LTO = Lite-On | MCD = MCD Electronics | OPT = Optek | SYL= Sylvania | VSH = Vishay | ◆ = Manufacturer Varies

*For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above

























2-Digit RHD

7 & 14-Segment LED Displays (Continued)

Soldering: • Soldering bath: not more than 5 seconds @ 260°C • Soldering iron: not more than 3 seconds @ 300°C under 30W

Single Digit 7-Segment Numeric LED Displays (Continued)

*	Weh	Code:	PRW/
	vveb	coue.	PDVV

			Character	Illuminated	Bus	Pins/	Typical	Typical	Wavelength	Decimal		Pricing	
Part No.	Manufacturer	Product No.	Height	Color	Polarity*	Leads	Vf @ If (mA)	mcd @ mA	nm	Point #	1	10	100
104213	Ligitek	LSD5124-10 ₹	0.56"	Orange Red	CA	10	2.0 @ 20	2.4 @ 20	635	RHDP	\$.99	\$.89	\$.79
334880	Jameco ValuePro	UC5641-11 ₹	0.56"	Orange	CC	10	2.1 @ 20	3.3 @ 10	635	RHDP	.99	.89	.79
1955773	Lite-On	LTS-6680E	0.56"	Orange	CC	10	2.1 @ 20	2.4 @ 10	630	RHDP	.99	.89	.79
2005446	Lite-On	LTS-5701AY	0.56"	Yellow	CA	10	2.1 @ 20	2.4 @ 10	580	RHDP	.99	.89	.79
1955790	Lite-On	LTS-6860Y	0.56"	Yellow	CA	10	2.1 @ 20	2.4 @ 10	585	RHDP	.99	.89	.79
335127	Jameco ValuePro	UA5621-11 🗷	0.56"	Green	CA	10	2.1 @ 20	2.9 @ 10	562	RHDP	.99	.89	.79
2075735	Ligitek	LSD5122-20/A 🕿	0.56"	Green	CA	10	2.1 @ 20	4.5 @ 10	565	RHDP	.99	.89	.79
2075751	Ligitek	LSD5112-20/A 🕿	0.56"	Green	CC	10	2.1 @ 20	4.5 @ 10	565	RHDP	.99	.89	.79
2075760	Ligitek	LSD512SBKS-20 🗷	0.56"	Blue	CA	10	3.5 @ 20	12.8 @ 10	460	RHDP	2.59	2.35	2.09
308259	Ledtech	LA8071-11-MIEWRW	0.80"	Red	CA	13	1.7 @ 20	8.9 @ 10	660	LHDP/RHDP	1.25	1.15	.99
18753	Ligitek	LSD8151-10 🗷	0.80"	Red	CC	13	2.1 @ 20	1.0 @ 20	697	RHDP	1.25	1.15	.99
1955829	Lite-On	LTS-3403LWC	0.80"	AlGaAs Red	CA	18	1.8 @ 20	3.75 @ 5	660	LHDP/RHDP	1.19	1.09	.95
1955811	Lite-On	LTS-3401LC	0.80"	AlGaAs Red	CA	18	1.8 @ 20	8.0 @ 10	660	LHDP/RHDP	1.25	1.15	.99
18737	Ligitek	LSD816-11 🗷	0.80"	Orange Red	CA	13	1.6 @ 20	1.0 @ 20	655	RHDP	1.25	1.15	.99
2005462	Lite-On	LTS-3401LE	0.80"	Yellow	CA	18	2.1 @ 20	2.4 @ 10	630	LHDP/RHDP	1.39	1.25	1.09
1955837	Lite-On	LTS-3403LY	0.80"	Yellow	CC	18	2.1 @ 20	2.4 @ 10	585	LHDP/RHDP	1.39	1.25	1.09
2005489	Lite-On	LTS-3401LG	0.80"	Green	CA	18	2.1 @ 20	2.4 @ 10	565	LHDP/RHDP	1.39	1.25	1.09
176559	Re Fac	C8021-1	0.80"	Green	CC	13	2.0 @ 20	0.9 @ 20	568	RHDP	1.39	1.25	1.09
97199	Ligitek	LSD23265-10₹	2.24"	Red	CA	10	1.7 @ 20	21 @ 20	660	RHDP	4.49	3.95	3.59
97201	Ligitek	LSD23255-10₹	2.24"	Red	CC	10	1.7 @ 20	21 @ 20	660	RHDP	4.49	3.95	3.59
308208	Ledtech	LA231-42EWRN	2.24"	Green	CA	10	4.2 @ 40	2.7 @ 10	567	RHDP	4.49	3.95	3.59
202518	Ligitek	LSD30165-20₹	3.00"	Orange Red	CA	10	8.0 @ 20	4.5 @ 10	635	RHDP	4.95	4.49	3.95
105591	Ligitek	LSD40054-20 2	4.00"	Orange Red	CC	10	2.0 @ 20	18 @ 20	635	RHDP	8.95	7.95	7.15
202500	Ligitek	LSD40064-20 🗷	4.00"	Orange Red	CA	10	2.0 @ 20	18 @ 10	635	RHDP	8.95	7.95	7.15

Single Digit 14-Segment Alphanumeric LED Displays

			Character	Illuminated	Bus	Pins/	Typical	Typical	Wavelength	Decimal		Pricing	
Part No.	Manufacturer	Product No.	Height	Color	Polarity*	Leads	Vf @ If (mA)	mcd @ mA	nm	Point #	1	10	100
2076703	Ligitek	LSD3E62-20/A 🕿	0.39"	Green	CA	16	2.1 @ 20	3.05 @ 10	565	RHDP	\$1.69	\$1.39	\$1.19
2076691	Ligitek	LSD3E6SBKS-20/A ₹	0.39"	Blue	CA	16	3.5 @ 20	7.2 @ 10	475	RHDP	3.95	3.59	3.19

2-Digit 7-Segment Numeric LED Displays

			Character	Illuminated	Bus	Pins/	Typical	Typical	Wavelength	Decimal		Pricing	
Part No.	Manufacturer	Product No.	Height	Color	Polarity*	Leads	Vf @ If (mA)	mcd @ mA	nm	Point #	1	10	100
1955781	Lite-On	LTD-2701WC	0.28"	Red	CC	10	1.8 @ 20	3.1 @ 5	660	RHDP	\$1.49	\$1.35	\$1.15
1955845	Lite-On	LTD-383E-R2	0.30"	Red Orange	CA	16	2.0 @ 20	1.6 @ 10	630	No DP	1.49	1.35	1.15
1955853	Lite-On	LTD-482P-YQ	0.40"	Bright Red	CA	16	2.1 @ 20	0.8 @ 10	697	No DP	1.49	1.35	1.15
2075786	Ligitek	LDD4062-20/A	0.40"	Green	CA	16	2.1 @ 20	3.05 @ 10	565	No DP	1.49	1.35	1.15
1955861	Lite-On	LTD-432GC	0.40"	Green	CC	16	2.1 @ 20	1.1 @ 10	565	No DP	1.49	1.35	1.15
2005340	Lite-On	LTD-4608B	0.40"	Blue	CA	10	3.8 @ 20	3.6 @ 10	428	RHDP	4.95	4.49	3.95
200379	Rohm	LB602VAGI	0.56"	Red	CA	18	2.0 @ 10	16 @ 10	650	RHDP	1.95	1.75	1.49
24715	Ligitek	LDD5121-202	0.56"	Red	CA	18	2.1 @ 20	0.8 @ 20	697	RHDP	1.59	1.39	1.19
24723	Ligitek	LDD5111-11 ≈	0.56"	Red	CC	18	2.1 @ 20	0.8 @ 20	697	RHDP	1.59	1.39	1.19
334933	Jameco ValuePro	UC5652-11 ₹	0.56"	Red	CC	18	2.1 @ 20	0.8 @ 10	700	RHDP	1.59	1.39	1.19
24694	Ligitek	LDD5124 2	0.56"	Orange Red	CA	18	2.0 @ 20	2.4 @ 20	635	RHDP	1.59	1.39	1.19
24707	Ligitek	LDD5114-20 🗷	0.56"	Orange Red	CC	18	2.0 @ 20	2.4 @ 20	635	RHDP	1.59	1.39	1.19
790031	Lite-On	LTD-6940HR₹	0.56"	Hi-eff Red	CC	18	2.0 @ 20	2.4 @ 10	623	RHDP	1.69	1.49	1.25
334976	Jameco ValuePro	UA5642R-11 ₹	0.56"	Hi-eff Red	CA	18	2.1 @ 20	3.3 @ 10	635	RHDP	1.69	1.49	1.25
200539	ELD	ELD556YWA	0.56"	Yellow	CA	18	2.0 @ 20	1.9 @ 10	590	RHDP	1.59	1.39	1.19
790022	Lite-On	LTD-6410AG₹	0.56"	Green	CA	18	2.1 @ 20	2.4 @ 10	565	RHDP	1.59	1.39	1.19
2005358	Lite-On	LTD-5623BG	0.56"	Green	CC	18	2.1 @ 20	2.4 @ 10	565	RHDP	1.59	1.39	1.19
2005366	Lite-On	LTD-6440G	0.56"	Green	CC	18	2.1 @ 20	2.4 @ 10	570	RHDP	1.59	1.39	1.19
2075794	Ligitek	LDD512SBKS-20/A≈	0.56"	Blue	CA	18	3.5 @ 20	58 @ 10	475	RHDP	4.95	4.49	3.95

^{*} CA-Common Anode/CC-Common Cathode # LHDP-Left Hand Decimal Point / RHDP-Right Hand Decimal Point \$ 5 diodes per segment

RoHS compliant product This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166



6.95

* Web Code: LBW

* Web Code: LTB

7 & 14-Segment LED Displays, Bar Graph Arrays & Light Bars





LDD525SBKS-20/A ₹ 0.56" Blue





460



RHDP

2-Digit RHDP

2-Digit RHDP (14-Seg.)

7 & 14-Segment LED Displays (Continued)

3.5 @ 20 | 10.5 @ 10

2-Digit 1	4-Segment	Alphanumeric	LED DIS	splays								* Web Co	de: PBW
Part No.	Manufacturer	Product No.	Character Height	Illuminated Color	Bus Polarity*	Pins/ Leads	Typical Vf @ If (mA)	Typical mcd @ mA	Wavelength nm	Decimal Point #	1	Pricing 10	100
1955896	Lite-On	LTP-3786S-03	. 0.54"	AlGaAs Red	CA	18	1.8 @ 20	4.0 @ 10	660	RHDP	\$2.95	\$2.49	\$2.19
1955909	Lite-On	LTP-3785E-01	0.54"	Red Orange	CA	18	2.0 @ 20	2.0 @ 10	630	RHDP	2.95	2.49	2.19
1955933	Lite-On	LTP-8647AP	0.54"	Bright Red	tt	18	12 @ 8.5	0.9 @ 0.4	697	RHDP	3.95	3.39	2.89
2005382	Lite-On	LTP-4323P	0.40"	Bright Red	CC	20	2.1 @ 20	0.75 @ 10	697	RHDP	2.95	2.49	2.19
2005391	Lite-On	LTP-4323JD	0.40"	AllnGap Hyper Red	CC	20	2.1 @ 20	0.65 @ 10	650	RHDP	2.95	2.49	2.19
1955870	Lite-On	LTP-4323G	0.40"	Green	CC	20	2.1 @ 20	2.0 @ 10	569	RHDP	2.95	2.49	2.19
1955917	Lite-On	LTP-3785G-01	0.54"	Green	CA	18	2.1 @ 20	2.0 @ 10	565	RHDP	2.95	2.49	2.19

3-Digit 7-Segment Numeric LED Displays

335055	Jameco ValuePro	UN4043-13 EWRS ₹	0.40"	Orange	CA	12	2.1 @ 20	3.3 @ 10	635	RHDP	\$2.49	\$2.25	\$1.95
1956493	Lite-On	LTC561R	0.56"	Red	CA	12	1.7 @ 20	0.6 @ 10	665	RHDP	2.49	2.25	1.95
308224	Ledtech	LM5643R-11RRRN	0.56"	Orange	CC	11	2.1 @ 20	3.3 @ 10	635	RHDP	2.49	2.25	1.95
225963	Jameco ValuePro	KW3-562A2B	0.56"	Green	CA	28	2.2 @ 20	15 @ 20	568	RHDP	2.49	2.25	1.95

4-Digit 7-Segment Numeric LED Displays

2006810	Ligitek	LFD2121-20/A-PF ≈	0.28"	Red	CA	12	2.1 @ 20	0.8 @ 10	697	RHDP	\$2.95	\$2.49	\$2.19
1956549	Lite-On	LTC-2623G	0.28"	Green	CA	16	2.1 @ 20	2.0 @ 10	575	RHDP	2.95	2.49	2.19
2006828	Ligitek	LFD4161-20/A-PF₹	0.40"	Red	CA	16	2.1 @ 20	0.8 @ 10	697	RHDP	2.95	2.49	2.19
1956565	Lite-On	LTC-4627G	0.40"	Green	CA	16	2.1 @ 20	2.2 @ 10	575	RHDP	2.95	2.49	2.19
1956506	Lite-On	LTC-5837E	0.52"	Red Orange	CA	40	2.0 @ 20	2.2 @ 10	630	RHDP	2.95	2.49	2.19
2006836	Ligitek	LFD5221-20/A-PF₹	0.56"	Red	CA	12	2.1 @ 20	1.0 @ 10	697	RHDP	2.95	2.49	2.19
335185	Jameco ValuePro	UM5644R-11-RRRS	0.56"	Orange	CC	12	2.1 @ 20	3.3 @ 10	635	RHDP	2.95	2.49	2.19
2005711	Lite-On	LTC-5653G-01	0.56"	Green	CA	12	2.1 @ 20	2.4 @ 10	565	RHDP	2.95	2.49	2.19
1956573	Lite-On	LTC-5848G	0.56"	Green	CA	36	2.1 @ 20	2.4 @ 10	565	RHDP##	3.25	2.95	2.49
335194	Jameco ValuePro	UM5624-11-EWRS ₹	0.56"	Green	CC	12	2.1 @ 20	2.9 @ 10	567	RHDP	3.95	3.59	3.19
11360	Lite-On	LTC-585IY	0.56"	Yellow	CA	36	2.1 @ 20	2.1 @ 10	585	RHDP##	2.95	2.49	2.19

^{*}CA-Common Anode/CC-Common Cathode 📅 Built in M5450 MOS IC driver # LHDP-Left Hand Decimal Point / RHDP-Right Hand Decimal Point ## 1st & 2nd digits only

LED Bar Graph Arrays (10 Elements)

			Character	1	Number	Pins/	Typical	Typical	Wavelength		Pricing	
Part No.	Manufacturer	Product No.	Height	Illuminated Color	of Elements	Leads	Vf @ If (mA)	mcd @ mA	nm	1	10	100
1954957	Lite-On	LTA-1000P	0.20"	Bright Red	10	20	2.1 @ 20	0.7 @ 10	697	\$1.05	\$.85	\$.69
697477	Lite-On	LTA-1000HR ₹	0.20"	Hi-eff. Red	10	20	2.0 @ 20	2.0 @ 10	635	1.05	.85	.69
334529	Jameco ValuePro	UL10000-HR-RRAK	0.20"	Red	10	20	2.1 @ 20	1.6 @ 10	635	1.19	.99	.79
334537	Jameco ValuePro	UL10000-Y-EWAK	0.20"	Yellow	10	20	2.1 @ 20	1.1 @ 10	585	1.19	.99	.79
697469	Lite-On	LTA-1000G ₹	0.20"	Green	10	20	2.1 @ 20	2.0 @ 10	565	1.19	.99	.79
334511	Jameco ValuePro	UL10000-E-EWAK	0.20"	Green	10	20	2.1 @ 20	1.4 @ 10	567	1.19	.99	.79
1551402	Avago	HDSP-4832₹	0.20"	Hi-eff. Red, Yellow, Green	10	20	2.1/2.2 @ 20; 2.1 @ 10	3.5/1.9/1.9 @ 10	635/583/566	5.95	4.95	4.59



Fig. 1





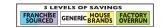




			Illuminated		Package	Pins/	Typical	Typical	Wavelength		Pricing	
Part No.	Manufacturer	Product No.	Color	Light Emitting Area	Fig.	Leads	Forward Volt	Luminosity	nm	1	10	100
1954965	Lite-On	LTL-2600HR	Hi-eff Red	.350" x .150" (2)	2	8	2.1 @ 20	4200	635	\$1.25	\$.99	\$.89
1954973	Lite-On	LTL-2800G	Green	.350" x .150" (2)	2	8	2.1 @ 20	4200	565	1.25	.99	.89
790188	Lite-On	LTL-2620HR₹	Hi-eff Red	.350" x .150" (4)	3	16	2.1 @ 20	4200	635	1.25	.99	.89
1954990	Lite-On	LTL-2820G	Green	.350" x .150" (4)	3	16	2.1 @ 20	4200	565	1.25	.99	.89
1955001	Lite-On	LTL-2720Y	Yellow	.350" x .150" (4)	3	16	2.1 @ 20	4200	585	1.29	1.09	.95
334650	Jameco ValuePro	UB3541R-11-NRAK	Orange	.350" x .350" (1)	5	16	2.1 @ 20	7800	635	1.25	.99	.89
334668	Jameco ValuePro	UB3531R-11-NYAK	Yellow	.350" x .350" (1)	5	16	2.1 @ 20	5500	585	1.49	1.25	1.09
334676	Jameco ValuePro	UB3521R-11-NGAK	Green	.350" x .350" (1)	5	16	2.1 @ 20	6800	567	1.25	.99	.89
2005315	Lite-On	LTL-2350HR	Hi-eff Red	.750" x .150" (1)	1	8	2.1 @ 20	800	635	1.09	.89	.79
790153	Lite-On	LTL-2450Y ≈	Yellow	.750" x .150" (1)	1	8	2.1 @ 20	800	585	1.09	.89	.79
2005323	Lite-On	LTL-2685HR	Hi-eff Red	.350" x .750" (1)	4	16	2.1 @ 20	1600	635	1.49	1.25	1.09
2005331	Lite-On	LTL-2885G	Green	.350" x .750" (1)	4	16	2.1 @ 20	1600	565	1.49	1.25	1.09

^{*}For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above

Dot Matrix Displays & LED Replacement Lamps













LED Dot Matrix Displays (4x7, 5x7, 5x8 & 8x8 Arrays)

4x7 Hex Character





*Web Code: HAV

			Character		Array	Pins/	Typical	Typical	Wavelength		Pricing	
Part No.	Manufacturer	Product No.	Height	Illuminated Color	Polarity*	Leads	Vf @ If (mA)	mcd @ mA	nm	1	10	100
32951	Texas Inst.	TIL311	0.27"	Red	4 x 7 Hex	14	5.0 @ 5	0.1 @ 5	660	\$19.95	\$17.95	\$15.95
218843	Various	CSM57041T-11	0.7"	Red	5 x 7 CC/AR	12	1.8 @ 20	8.0 @ 20	660	2.95	2.25	1.89
118906	Lite-On	LTP747R	0.7"	Hi-eff. Red	5 x 7 AC/CR	12	2.0 @ 20	2.0 @ 80	655	2.95	2.25	1.89
2005420	Lite-On	LTP-747C	0.7"	AlGaAs Red	5 x 7 AC/CR	12	1.8 @ 20	5.8 @ 80	660	2.95	2.25	1.89
2005471	Lite-On	LTP-757KR	-	AllnGaP Super Red	5 x 7 CC/AR	12	2.0 @ 20	3.4 @ 32	639	2.95	2.25	1.89
2005454	Lite-On	LTP-747E	0.7"	Orange	5 x 7 AC/CR	12	2.0 @ 20	2.0 @ 80	630	2.95	2.25	1.75
2005497	Lite-On	LTP-757G ₹	0.7"	Green	5 x 7 CC/AR	12	2.1 @ 20	2.0 @ 80	565	2.95	1.95	1.49
1955061	Lite-On	LTP-1457AHR	1.2"	Hi-eff. Red	5 x 7 AC/CR	14	2.0 @ 20	4.0 @ 80	635	3.49	2.95	2.25
1955079	Lite-On	LTP-1557AHR	1.2"	Hi-eff. Red	5 x 7 CC/AR	14	2.1 @ 20	4.0 @ 80	565/630	3.49	2.95	2.49
2005500	Lite-On	LTP-1457AKR	1.2"	AllnGaP Super Red	5 x 7 AC/CR	14	2.1 @ 20	3.8 @ 80	639	3.49	2.95	2.49
335281	Jameco ValuePro	UJ1141-21-EWRN	1.2"	Orange	5 x 7 CC/AR	14	2.1 @ 20	4.6 @ 10	635	3.49	2.95	2.25
2005518	Lite-On	LTP-1557AKA≈	1.2"	AllnGaP Red Orange	5 x 7 CC/AR	14	2.05 @ 20	3.8 @ 80	621	3.49	2.95	2.25
1955087	Lite-On	LTP-1257AA-01	1.2"	Green/Red Orange	5 x 7 AC/CR	20	2.1/2.0 @ 20	4.0 @ 80	565/630	3.49	2.95	2.49
1955108	Lite-On	LTP-1057AHR	1.24"	Hi-eff. Red	5 x 7 AC/CR	14	2.0 @ 20	4.0 @ 80	635	3.95	3.25	2.59
1955095	Lite-On	LTP-1057AE	1.24"	Red Orange	5 x 7 AC/CR	14	2.0 @ 20	4.0 @ 80	630	3.95	3.25	2.25
2005745	Lite-On	LTP-1057AGNB₹	1.24"	Green	5 x 7 AC/CR	14	2.1 @ 20	4.0 @ 80	565	3.95	3.25	2.25
1955132	Lite-On	LTP-2157AHR-RD	2.0"	Hi-eff. Red	5 x 7 CC/AR	14	2.0 @ 20	4.8 @ 80	635	3.95	3.35	2.89
2005753	Lite-On	LTP-2057AE	2.0"	Orange	5 x 7 AC/CR	14	2.0 @ 20	4.8 @ 80	630	3.95	3.35	2.89
1955116	Lite-On	LTP-2157AE	2.0"	Orange	5 x 7 CC/AR	14	2.0 @ 20	4.8 @ 80	630	3.95	3.35	2.49
206560	Lite-On	LTP-2157AG	2.0"	Green	5 x 7 CC/AR	14	2.1 @ 20	4.8 @ 80	565	3.95	3.35	2.49
2077351	Lite-On	LTP-2657AA	2.0"	Green/Red Orange	5 x 7 AC/CR	28	2.1/2.0 @ 20	4.8 @ 80	565/630	3.95	3.35	2.89
1955159	Lite-On	LTP-2757AA	2.0"	Green/Red Orange	5 x 7 CC/AR	28	2.1/2.0 @ 20	4.8 @ 80	565/630	3.95	3.35	2.49
2005761	Lite-On	LTP-3057AC	3.0"	AlGaAs Red	5 x 7 AC/CR	14	3.6 @ 20	20 @ 80	660	4.49	3.95	3.39
1955167	Lite-On	LTP-4157AE	4.0"	Orange	5 x 7 CC/AR	14	4.0 @ 20	96 @ 80	630	4.95	4.19	3.59
1955175	Lite-On	LTP-4157AG	4.0"	Green	5 x 7 CC/AR	14	4.2 @ 20	96 @ 80	565	4.95	4.19	3.49
183265	Ligitek	LMD5821ASR-20₹		Red	5 x 8 CC/AR	14	1.7 @ 20	10.5 @ 10	660	3.95	3.59	3.19
1955183	Lite-On	LTP-2158AHR	2.3"	Hi-eff. Red	5 x 8 CC/AR	14	2.1 @ 20	4.0 @ 48	635	3.95	3.59	2.75
1955191	Lite-On	LTP-2158AY	-	Yellow	5 x 8 CC/AR	14	2.1 @ 20	4.8 @ 80	585	3.95	3.59	2.75
1955204	Lite-On	LTP-2458AA-NB	2.3"	Green/Red Orange	5 x 8 AC/CR	28	2.1/2.0 @ 20	4.8 @ 80	565/630	3.95	3.59	2.75
1955212	Lite-On	LTP-2558AA	2.3"	Green/Red Orange	5 x 8 CC/AR	28	2.1/2.0 @ 20	4.8 @ 80	565/630	3.95	3.59	2.75
1955221	Marktech	MTAN6385-AHRG	0.85"	Hi-eff. Red	8 x 8 AC/CR	24	2.1 @ 20	7.4 @ 20	635	3.95	3.59	2.75
* AC-Anode (Column / AR-Anode I	Row / CC-Cathode Colur	nn / CR-Cat	thode Row	·	-			·	-		

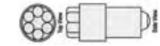
JAMECO ValuePro

Multi-Chip, Bayonet and Cluster Based LED Replacement Lamps



585 Series Non-Polarized

- Low current draw 90% less energy than incandescent
- Mounts directly into industry standard socket
- No heat generated
- Long life up to 100k hours



Multi-Chip Based LED T1 - Mignet Flange

			Nominal	Forward	Intensity	Wavelength	Pricing		
Part No.	Product No.	Color	Voltage	Current (mA) typ.	(mcd) typ.	(nm)	1	10	100
392681	585-4123	Green	14	14	550	630	\$2.95	\$2.59	\$1.95
392690	585-4125	Yellow	14	20	530	630	2.95	2.59	1.95
392702	585-1225	Red	28	4.5	350	625	2.95	2.59	1.95

Bayonet Based LED T3

			Nominal	Forward	Intensity	Wavelength	Pricing		
Part No.	Product No.	Color	Voltage	Current (mA) typ.	(mcd) typ.	(nm)	1	10	100
394476	585-4123	Red	14	20	550	630	\$2.95	\$2.59	\$1.95
394493	585-4125 	Red	28	14	350	630	2.95	2.59	1.95

Cluster-Based LED T3 - Miniature Bayonet (BA9s)

Replaces incandescent lamp numbers: 44, 47, 313, 755, 1815, 1819, 1847, 1850, 1866, 1889, 1891, 1892, 1893, and 1895

			Nominal	Forward	Intensity	Wavelength	Pricing		
Part No.	Product No.	Color	Voltage	Current (mA) typ.	(mcd) typ.	(nm)	1	10	100
392552	585-5223₹	Red	14	20	7000	630	\$4.95	\$4.49	\$3.95
392585	585-5523	Yellow	14	20	7000	588	4.95	4.49	3.95
392593	585-5225	Red	28	15	6500	630	4.95	4.49	3.95
392607	585-5325₹	Green	28	15	6000	525	4.95	4.49	3.95
392622	585-5525	Yellow	28	15	6000	588	4.95	4.49	3.95
392632	585-5256₹	Red	120VAC	5.5	6500	625	4.95	4.49	3.95
392649	585-5356	Green	120VAC	5.5	7000	525	4.95	4.49	3.95

 RoHS compliant product This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version.

















Serial & Parallel LCD Displays

• For serial and parallel LCD display detailed specification sheets, please visit www.Jameco.com

· One year warranty





Serial LCD Displays

Scott Edwards Electronics, Inc.





157323







210761

658953

90-day Jameco Warranty Pricina

				Serial				Module Size	Display Size	e Pricing		
Part No.	Manufacturer	Mfr. Part No.	Characters x Lines	Input (bps)	Input Voltage	Letters-Backlight	Notes*	(W"xH"xD")	(W"xH")	1	10	25
150990	Scott Edwards	ILM-216L	16 x 2	1200 - 9600	4.8V-5.5V @ 5mA	Black-Yellow/Green	1,2,5	3.2 x 2.0 x 0.5	2.8 x 1.0	\$48.95	\$43.95	\$39.95
133129	Scott Edwards	BPI-216N	16 x 2	2400 or 9600	4.8V-5.5V @ 3mA	Black-Non4e	1,2,11	3.1 x 1.4 x 0.7	2.8 x 1.0	55.95	49.95	44.95
174166	Matrix Orbital	LK162-12 🗷	16 x 2	1200 - 19,200	5.0V @ 9mA	Black-Yellow/Green	1,3,4,6	3.2 x 1.5 x 0.8	2.5 x 0.7	49.75	48.75	47.45
158166	Scott Edwards	SGX-120L	20 x 4 w/ graphics	2400 or 9600	4.8V-5.5V @ 15mA	Yellow	1,2,5	3.1 x 1.9 x 0.8	2.6 x 1.1	121.95	115.95	109.95
150957	Matrix Orbital	LCD2041	20 x 4	1200 - 19,200	5.0V @ 10mA	Black-Yellow/Green	1,3,4,6	3.9 x 2.4 x 0.7	3.0 x 1.0	63.95	60.75	59.95
157323	Matrix Orbital	LK204-25 🗶	20 x 4 w/ keypad	1200 - 19,200	5.0V @ 16mA	Black-Yellow/Green	1,3,4,6	3.7 x 2.4 x 1.1	3.0 x 1.0	68.95	66.95	65.45
694170	Matrix Orbital	LK204-25-IY 🕿	20 x 4 w/ keypad	1200 - 19,200	5.0V @ 16mA	Yellow-Black	1,7,10,13	3.9 x 2.4 x 1.2	3.0 x 1.0	68.95	65.45	62.45
694188	Matrix Orbital	LK204-25-WB 🗷	20 x 4 w/ keypad	1200 - 19,200	5.0V @ 16mA	White-Blue	1,7,10,14	3.9 x 2.4 x 1.2	3.0 x 1.0	68.95	65.45	62.45
281391	Matrix Orbital	GLK12232-25-SM	122 x 32 w/ graphics	9600 - 115,000	5.0V @ 250mA	Blue-White	1,8	3.4 x 1.4 x 0.5	2.4 x 0.7	74.45	72.95	68.45
281404	Matrix Orbital	GLK12232-25-FGW	122 x 32 w/ graphics	9600 - 115,000	5.0V @ 20mA	Black-White	1,8	3.9 x 2.4 x 0.4	3.3 x 1.4	82.95	80.95	78.95
174182	Matrix Orbital	GLC24064	240 x 64 w/ graphics	1200 - 19,200	5.0V @ 31mA	Black-Yellow/Green	1,3,6	7.1 x 2.6 x 0.7	5.2 x 1.5	165.95	161.95	157.95
694372	Matrix Orbital	GLK24064-25-GW 🕿	240 x 64 w/ graphics	9600 - 115,000	5.0V @ 35mA	Green-White	1,9,12	7.1 x 2.6 x 0.7	5.0 x 1.3	168.95	164.95	160.95
694381	Matrix Orbital	GLK24064-25-WB 🗷	240 x 64 w/ graphics	9600 - 115,000	5.0V @ 35mA	White-Blue	1,9,14	7.1 x 2.6 x 0.7	5.0 x 1.3	168.95	164.95	159.95

^{*1.} For a power supply, Jameco recommends P/N 164101, pg 106

3. Manual included

Part No

137373

1939571

618003

658988

658890

658881

171716

1954666

1946068

1585979

1954674

365982

2081166

210761

206615

658902

171724

1946050

658911

320101

320039

658831

658929

658937

652332

658953

- 4. Connect 16 modules using the same two wire interface
- 5. EEPROM stores text font, settings, and text screen

Manufacturer

Varitronix

Hantronix

Hantronix

Hantronix

Hantronix

Ampire 2

Tinsharp

Goldentek

Tinsharp

Tinsharp

PicVue

Optrex

Various

Samsung

Hantronix

Ampire **2**

Goldentek

Hantronix

Solomon

Solomon

Hantronix

Hantronix

Hantronix

Seiko Inst

Hantronix

Hitachi

- 6. Backlight control, bar graphs, large digits, multiple displays, software contrast control auto line wrapping, and auto scroll feature
- 7. Connect up to 127 modules on the same 2-wire interface

Mfr Part No.

I M071I

AC-162A

TC1602Y-G

TC1602B-B

TC1602B-W

DMC16249

GM-C2004A

LM1200SGR

LM1030SGR

DMC4024

PVC160206QYL04

UC-16401 (Samsung)

HDM20216H-3+001P

HDM24216L-2-E30P

HDM40216H-4-S9RP

HDM40216L-4-LCWF

HDM402162H-4-S90P 40 x 2

HDM64GS12L-4-N31S | 128 x 64

C-1602A-1YN

MDI S16166D

HDM716216H-5-3005

HDM716216L-7-8C0

HDM716216H-R-P00P

HDM716216H-4-H0AF

- 8. 122 x 32 pixel graphic display, text display using built-in or user supplied fonts adjustable contrast, backlighting, and keypad interface
- 9. 240 x 64 pixel graphic display, text display using built-in or user supplied fonts adjustable contrast, backlighting, and keypad interface
- 10. Built-in font provision for up to 8-user defined characters, software controlled brightness, use up to a 25-key keypad with one 10-key buffer, 6 general purpose outputs, horizontal or vertical bar graphs
- LCD Serial Backpack® accepts RS232, CMOS or TTL signal

3

3

3

7.2 x 1.3 x 0.4

7.2 x 1.3 x 0.4

7.2 x 1.3 x 0.6

7.5 x 2.1 x 0.4

3.0 x 2.1 x 0.4

6.1 x 0.6

6.1 x 0.6

6.1 x 0.6

5.5 x 0.9

2.4 x 1.3

12. Grey text/white background 14. White text/blue background

Letters-Backlight

Black-None

Black-None

Black-None

Black-Yellow

Black-None

Black-None

Black-Blue

White-Black

Black-None

Black-None

Black-None

Blue-Grey

Black-None

Black-None

Black-None

Black-None

Black-None

Black-None

Black-Yellow/Green

Black-Yellow/Green

Black-Yellow/Green

Black-Yellow/Green

Black-Grey -None

Black-Yellow/Green

Black-Yellow/Green

Black-Yellow/Green

13. Inverse yellow

* Web Code: GCG

Module Size | Display Size

Parallel LCD Displays

Input Voltage

5.0V @ 0.6mA

5 0V @ 1 0mA

5.0V @ 1.25mA

5.0V @ 2.0mA

5 OV @ 2 2mA

5.0V @ 2.2mA

5.5V @ 1.5mA

5.0V @ 0.55mA

5.0V @ 1.0mA

5.0V @ 1.3mA

5.0V @ 1.3mA

5.0V @ 1.6mA

5.0V @ 3.0mA

6.5V @ 2.2mA

5.5V @ 3.0mA

5.0V @ 2.2mA

5.0V @ 1.7mA

5.0V @ 1.5mA

5.0V @ 1.4mA

5.0V @ 3.0mA

5.0V @ 3.0mA

5.0V @ 2.2mA

5.0V @ 2.2mA

5.0V @ 3.0mA

5.0V @ 12mA

5.0V @ 2.0mA

I Character

Input Data

8-bit

8-hit

8-bit

8-bit

8-hit

8-bit

8-bit

8-bit

8-bit

8-hit

8-bit

8-bit

8-bit

8-bit

8-bit

8-bit

4-bit or 8-bit

4-bit or 8-bit

4-bit or 8-bit

Font

5 x 8

5 x 7

. 5 x 7

5 x 7

5 x 7

5 x 7

5 x 8

5 x 8

5 x 8

5 x 8

5 x 8

5 x 8

5 x 8

5 x 8

5 x 7

5 x 7

5 x 8

5 x 8

5 x 7

5 x 7

5 x 7

5 x 7

5 x 7

5 x 7

5 x 8

128 x 64

Characters x Lines

16 x 1

16 x 2

16 x 4

20 x 1

20 x 2

20 x 2

20 x 4

24 x 2

24 x 2

40 x 2

40 x 2

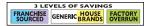
40 x 2

40 x 4

Netest (M//wL//wD/)		Dispidy Size			
Notes†	(W"xH"xD")	(W"xH")	1	10	25
2, 3	3.1 x 1.4 x 0.4	2.5 x 0.5	\$8.95	\$7.95	\$6.95
_	3.1 x 1.4 x 0.4	2.5 x 0.5	8.95	7.95	6.95
_	3.2 x 1.4 x 0.3	2.5 x 0.5	9.95	8.95	7.95
3	4.8 x 1.7 x 0.6	3.9 x 0.9	11.95	10.95	8.95
3	3.3 x 1.7 x 0.4	2.4 x 0.6	13.95	12.49	11.45
3	4.8 x 1.7 x 0.4	3.9 x 0.9	15.95	13.95	11.95
2, 3	3.4 x 1.2 x 0.5	2.5 x 0.7	19.95	17.95	15.95
_	3.1 x 1.4 x 0.4	2.5 x 0.4	12.95	11.49	9.95
_	2.8 x 1.4 x 0.4	2.6 x 0.6	9.95	8.95	7.95
_	3.1 x 1.4 x 0.4	2.5 x 0.4	17.95	15.95	13.95
_	3.1 x 1.4 x 0.4	2.5 x 0.4	14.95	13.49	11.95
_	3.3 x 1.2 x 0.5	2.4 x 0.63	13.95	12.49	10.95
_	3.1 x 1.4 x 0.4	2.5 x 0.5	12.95	11.49	9.95
1, 3	3.4 x 2.4 x 0.3	2.4 x 1.0	24.95	22.49	19.95
5	7.2 x 1.6 x 0.4	6.5 x 1.3	9.95	8.95	7.95
3	4.6 x 1.5 x 0.4	3.3 x 0.7	12.95	11.49	9.95
2, 3	4.6 x 1.5 x 0.4	3.3 x 0.7	24.95	22.49	20.25
_	3.8 x 2.7 x 0.3	3.0 x 1.0	12.95	11.49	9.95
3	4.6 x 1.4 x 0.6	2.4 x 0.6	16.95	14.95	12.95
3	4.6 x 1.4 x 0.4	3.7 x 0.7	8.95	7.95	7.25
3	7.2 x 1.2 x 0.3	6.0 x 0.6	11.95	10.95	9.75

1. Control LSI HD44780 & column driver MSM5259 or equivalents; 2. Controller KS0066U or equivalent; 3. Recommend power supply P/N 164101, pg 106; 4. Dot Graphic LCD display; 5. Dot graphic LCD display

^k For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



9.75

16.95

16.95

15.95

12.55

10.95

18.95

19.95

11.95

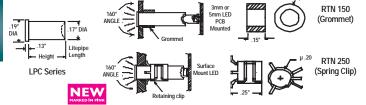
20.95

22.95

^{2.} Includes instruction codes for character generation, cursor control, printing, etc. (Examples for Stamps in PBASIC included)

Litepipes For Standard and Surface-Mount LEDs

Designed to produce 160° viewing angle of transmitted light from PCB mounted LEDs. Accommodates both 0.119" (3mm) and surface mount LEDs. Litepipes are able to display single color devices or mix multicolored LEDs into a single color. Sizes from 0.200" (5.08mm) to 2.00" (50.80mm). Use RTN grommet for sizes 0.20" thru 0.50" and RTN spring clip for sizes 0.50" to 2.00" (50.80mm).



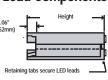
Part No.	Height	1	10	100	Part No.	Height	1	10	100
418108	0.200"	\$.35	\$.32	\$.28	418255	0.500"	\$.35	\$.32	\$.28
418116	0.220"	.35	.32	.28	418263	0.56"	.35	.32	.28
418124	0.240"	.35	.32	.28	418301	0.76"	.35	.32	.28
418132	0.260"	.35	.32	.28	418327	0.86"	.35	.32	.28
418141	0.280"	.35	.32	.28	418271	0.600"	.35	.32	.28
418159	0.300"	.35	.32	.28	418298	0.700"	.35	.32	.28
418167	0.320"	.35	.32	.28	418319	0.800"	.35	.32	.28
418183	0.360"	.35	.32	.28	418343	0.960"	.35	.32	.28
418191	0.380"	.35	.32	.28	418351	1.00"	.35	.32	.28
418204	0.400"	.35	.32	.28	418360	1.25"	.35	.32	.28
418212	0.420"	.35	.32	.28	418378	1.50"	.35	.32	.28
418239	0.460"	.35	.32	.28	418386	1.60"	.35	.32	.28
418247	0.480"	.35	.32	.28	418394	2.00"	.35	.32	.28

		Order in multiples of				
Part No.	Mfr. P/N	Description	10	100	1000	
418407	RTN150₽	Grommet	\$.07	\$.06	\$.05	
418415	RTN250 ₹	Spring clip	.09	.08	.07	

LED PCB Standoffs for 2 & 3-Lead Components

Designed for PCB mounting of .20" DIA multi-lead devices (e.g. LEDs, resistors, capacitors, diodes, and IR emitter/detector lamps). Provide lead separation, retention and lateral stability, and height control. Standoffs vary in height from 0.12" to 1.00". Standoffs are UL94V0 material.





NEW

* Web Code: PSF

		Orde	r in multip	les of 10			Order	in multip	les of 10
Part No.	Height	10	100	1000	Part No.	Height	10	100	1000
418431	0.140"	\$.09	\$.08	\$.07	418597	0.440"	\$.09	\$.08	\$.07
418458	0.180"	.09	.08	.07	418618	0.480"	.09	.08	.07
418474	0.220"	.09	.08	.07	418626	0.500"	.09	.08	.07
418482	0.240"	.09	.08	.07	418642	0.600"	.09	.08	.07
418503	0.260"	.09	.08	.07	418651	0.650"	.09	.08	.07
418511	0.280"	.09	.08	.07	418677	0.750"	.09	.08	.07
418520	0.300"	.09	.08	.07	418685	0.800"	.09	.08	.07
418546	0.340"	.09	.08	.07	418693	0.850"	.09	.08	.07
418554	0.360"	.09	.08	.07	418706	0.900"	.09	.08	.07
418571	0.400"	.09	.08	.07	418714	0.950"	.09	.08	.07
418589	0.420"	.09	.08	.07	418722	1.000"	.09	.08	.07

LED Light Strip Module



· Typical applications: running light or light source for under cabinets, closets, RVs and enclosures

1586171 (15") * Web Code: BDZ

Part No.	Mfr.	Mfr. Part No.	Color	Viewing Angle	1	10	100
683235	JVP	LS1255-150A112	Yellow	100°	\$14.95	\$13.45	\$12.15
683331	JVP	LS1155-525W404A	White	100°	15.95	14.35	12.95
1586171	LED	UY19209-627	White	120°	21.95	19.95	17.95

3 & 10W Constant Current LED Drivers

- Type: AC DC
- Input voltage: 100-240VAC @ 50-60Hz
- · 3-watt LED drivers can drive 2 to 8 1W LEDs or 1 to 3 3W LEDs
- · 10-watt LED drivers can drive 3 to 8 1W LEDs
- Operating temperature range: -20°C to 40°C
- UL/CUL/CE approved
- · 2006852/2006861: 20AWG, 3.9"L wires
- 2006879/2006887: plug in type, 7ft. cable w/ 2.1mm x 5.5mm center positive

Part No.	Mfr. Part No.	Description	Output Volt./Curr.	1	10
2006861	LD-CU7021AF ₹	3-watt LED driver	3-21VDC @ 700mA	. \$19.95	\$17.95
2006887	LD-PI7021AF ₹	3-watt LED driver	3-21VDC @ 700mA	19.95	17.95
2006852	LD-CU3536AF ≈	10-watt LED driver	3-36VDC @ 350mA	18.95	16.95
2006879	LD-PI3536AF ≈	10-watt LED driver	3-36VDC @ 350mA	18.95	16.95

2006861/ 2006852 2006887/

Dual CCFL Kits

CCFL (cold cathode fluorescent lights) kits are great for under cabinet lighting, spot/ track lighting, orientation/step lighting, gaming/casino lighting, task lighting, and appliance lighting applications. This kit is a



dual CCFL that comes with a inverting power supply (12VDC @ 5mA input; 620V output), wire harnesses and connectors for easy set-up.

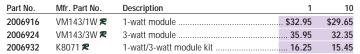
- · Lamp diameter: 3mm (protected inside a clear acrylic tube)
- Length per lamp: 300mm (12") Average lifespan: 30,000 hours
- Brightness: 30,000cd Supply voltage: 620V Lamp current: 5mA

Part No.	Mfr. Part No.	Color 1	10
2006975	CCFL2W ≈	White \$17.95	\$16.15
2006983	CCFL2R ≈	Red 17.95	16.15
2006991	CCFL2G ₹	Green	16.15
2007003	CCFL2UV ₹	Ultra violet 17.95	16.15
2007011	CCFL2BU ₹	Blue 17.95	16.15

vellemen

Power LED Driver Module

- Delivers accurate constant current required by most high power LEDs
- High efficiency due to switch mode principle
- Built-in rectifier for easy connection to AC source
- Short-circuit protected
- Also suited as fixed current NiCd/NiMH battery charge circuit
 - Input voltage: 6-12VAC/9-18VDC
- Power consumption: 650mA max.
- Size: 1.8"L x 1.2"W x 0.64"H
- Constant current source: 2006916: 350mA, compatible with up to 4 L-HP1P series power LEDs 2006924: 700mA, compatible with up to 3 L-HP3P series power LEDs 2006932: 350mA or 700mA



wedlennen!

High Power LEDs

- · Superior high-flux output and high luminance
- Low thermal resistance
 - ESD protection Color: pure white Viewing angle: 90
- Forward voltage/current:
 - 2006895: 3.2V @ 350mA; 2006908: 3.2V @ 1A



2006916/2006924

2006932



2006895

2006908

See many 162 for Flooking I ED Vita									
2006908	L-HP3PW ₹	3-watt power LED	120lm	14.25	13.79				
2006895	L-HP1PW 🗷	1-watt power LED	40lm	\$7.39	\$7.15				
Part No.	MIT. Part No.	Description	Luminous Flux	<u> </u>	10				

See	page	163 101	Fiasning	LED KITS

*Educational Kits available online — enter web code PBR

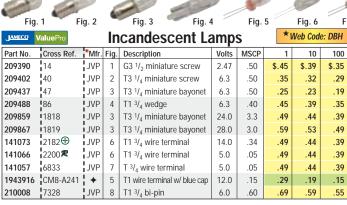
🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.



Fig. 13



Lamps, LED Tail Lights, Resonator & Thermistors



JAMECO'	Value Pro	nca	nd	esce	ent Lamps	(Cor	ıt.) ≎ E	Blue P/N =	Limited	Quantity
Part No.	Cross Ref.	Mfr.	Fig.	Descrip	otion	Volts	MSCP	1	10	100
210032	¦7382⊕	JVP	8	T1 3/ ₄ I	oi-pin	14.0	.30	\$.65	\$.59	\$.53
210041	7387⊕	JVP	8	T3 1/ ₄ I	oi-pin	28.0	.30	.79	.69	.64
210092	120MB 欠	JVP	9	T2 min	iature bayonet	120.0	1200	.75	.69	.61
210104	120PSB ⇔	JVP	10	T3 1/ ₄ I	oi-pin	28.0	.30	.75	.69	.61
309673	6S6	+	11	S6 can	delabra	120	_	.49	.39	.29
309681	20T6	; +	12	T6 1/2	20W intermediate	120	_	.49	.39	.29
JAMECO ValuePro Neon Lamps *Web Code: VAD										
Part No.	Cross Ref.	ľ	Mfr.	Fig.	Description		/oltage	1	5	10
27351	A1A (NE-2)	-	JVP	13	Wire terminal .6r	nΑ	65-120	\$.45	\$.41	\$.36

Neon Panel Mount Lamps

- · Input voltage: 120V Mounting hole dia.: 5/8" (16mm) Solder terminals: 0.196" (5mm) 215803: Red 215803 215812: Yellow 215830: Green
- 1585485: Green, rectangular 6" wire leads
- Size: .91"L x .38"W x .77"D

Part No.	Cross Ref. No.	1	10	100
215803	R9-71N-05-120V-R≈	\$2.09	\$1.89	\$1.69
215812	R9-71N-05-120V-Y₹	1.89	1.69	1.55
215830	R9-71N-05-120V-G ₹	1.49	1.35	1.19
1585485	32501001714	49	.35	.19

1585485

■CML **Neon Panel Mount Lamp**

- 4.4"/4.8" wire leads
- · Color: red 150VAC - 125VAC
- .310" Dia. mounting hole
- Mfr Part No. Part No. \$1.99 1765849 \$2.25

LED Panel Mount Indicators

- Easy panel installation
- · Panel/status/instrument indicators

141111/141129/141137: Chrome housing





65-120

			LED	:	Dime	nsions	(in.)	Mounting			Pricing	
Part No.	Cross Ref. No.	Mfr.	Size	Color	L	Α	В	Hole	Vf @ If	1	10	100
141111	L922SRD	JVP	T1	Red	.56	.34	.25	.23"	2V @ 20mA	\$.85	\$.75	\$.69
141129	L913RD	JVP	T1	Red	.56	.39	.32	.24"	2V @ 20mA	1.39	1.25	1.15
141137	L917RD	JVP	T13/4	Red	.70	.55	.47	.31"	2V @ 20mA	1.19	1.09	.99
637183*	UT2U1G-H113-R801-W05	Ledtech	T13/4	Green	.55	5.5	5.5	.24"	12V @ 10mA	1.37	1.25	1.05

210315 C2A (NE-2H) JVP 13 Wire terminal

*Has internal resistor to run 12V 10mA

12V Incandescent Panel Mount Lamps 21E71E/21E722: Solder terminals 0.104" (Emm)

• 215/1	• 215/15/215/32: Solder terminals - 0.196 (5mm)									
Part No.	Cross Ref. No.	Fig.	Color	Mounting Hole Wire Length	1	10	100			
215774	R9-46B-W100-12V-R	1	Red	1/2" (13mm) 3.9" (100mm)	\$1.85	\$1.69	\$1.49			
215782	R9-46B-W100-12V-Y	1	Yellow	1/2" (13mm) 3.9" (100mm)	1.65	1.49	1.35			
215791	R9-46B-W100-12V-G ≈	1	Green	1/2" (13mm) 3.9" (100mm)	1.65	1.49	1.35			
215750	R9-55B-W130-12V-R₹	2	Red	9/32" (7mm) 4.9" (125mm)	1.65	1.49	1.35			
215758	R9-55B-W130-12V-Y ₹	2	Yellow	9/32" (7mm) 4.9" (125mm)	1.65	1.49	1.35			
215766	R9-55B-W130-12V-G ≈	2	Green	9/32" (7mm) 4.9" (125mm)	1.69	1.55	1.39			
215715	R9-71B-05-12V-R₹	3	Red	5/8" (16mm) Terminals	1.85	1.69	1.49			
215732	R9-71B-05-12V-G₹	3	Green	5/8" (16mm) Terminals	1.69	1.55	1.39			





* Web Code: RBG

3.9" to 12" Miniature Fluorescent Lamps

Suitable for back lighting and lighting applications for projects, computer cases, cars and other displays. Now you can easily and affordably mount these fluorescent lamps to add cool cold-cathode effects and give your display a richer look and feel. Optional power supplies below convert 12VDC input into proper output voltages needed for lamps.



Part No.	Mfr.	Mfr. Part No.	Description	Size (L" x Dia.")	1	10	25
239610	VLM	FLW1	Cool white lamp	4 x .160	. \$9.95	\$8.95	\$7.95
239628	VLM	FLY1	Yellow light	3.9 x 0.16	9.95	8.95	7.95
2077474	JKL	FLC10-12	Cool white lamp	10 x .120	. 11.95	10.95	9.95
2077458	JKL	FLC10-16	Cool white lamp	10 x .160	. 11.95	10.95	9.95
2077466	JKL	FLC12-12	Cool white lamp	12 x .120	. 12.95	11.49	9.95

12VDC I	Power	➡ Blue Part No. = Limited Quantity Available				
Part No.	Mfr.	Mfr. Part No.	Description	1	10	2
239636	VLM	FLPS1	For P/N 239610	\$10.95	\$9.95	\$8.95
2077440	VLM	FLPS 🌣	For P/Ns 2077474, 2077458, 2077466	9.95	8.95	7.95

Ceramic Resonator

Frequency accuracy: ±0.5% @ 25°C

• Extended temp. range: -20°C to +85°C

 Withstanding volt. (5 sec): 100V max. Part No. Product No. Frequency Resistance Pins 10 324671 TZTT-20.00MT ⊕ 20MHz \$.86 3



LITEON

4 1/2" LED Tail Lights

Set of 4 lamps (SAE-J1133-DOT) with rubber seals for weather proofing/water resistance, and 16 mounting screws • LED color: red

12VDC @ 500mA • Main power wire: 6' long

3-wire interconnects w/ connectors 2" to 2.5", 2" to 4" wire length

Use with automotives, cars, trucks, trailers and boats
 30 (T1 ³/₄) LEDs on each lamp

Part No. 2076172 4-1/2" LED tail lights (set of 4)

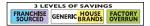
NTC Thermistors

- · Typical applications: temperature measurement/control/compensation; power supply fan control; PCB temperature monitoring Max. allowable power (@ 250°C): 0.55W
- Thermal dissipation factor: 6.5mW/°C (@ 250°C)
- Resistance value allowable difference: 10%

		Resistance	B Constant	Temp. Coef.		Pric	ing		l
Part No.	Product No.	(Ω @ 25°C)	(25/50°C >10%)	@ 25°C (%/°C)	1	10	100	500	l
207521	NTC-101 ₹	100	3100	-3.5	\$.41	\$.39	\$.38	\$.36	l
207511	NTC-201	200	3100	-3.5	.45	.35	.29	.25	l
207483	NTC-102 ₹	1k	3800	-4.3	.59	.49	.39	.32	l
207466	NTC-302	3k	3900	-4.4	.45	.35	.29	.25	l
207441	NTC-502 🕿	5k	3900	-4.4	.59	.49	.39	.32	l
207037	NTC-103 ₹	10k	4100	-4.6	.65	.55	.45	.35	l
207002	NTC-503 ₹	50k	4200	-4.7	.65	.55	.45	.35	l
206991	NTC-104 🕿	100k	4400	-4.9	.65	.55	.45	.35	
206982	NTC-1204 🕿	200k	4500	-5.1	.55	.45	.35	.29	l

JVP = Jameco ValuePro VLM = Velleman Inc. JKL = JKL Components = Manufacturer Varies

For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above



3 LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE FACTORY OVERRUN

JAMECO ValuePro

· Generate variable signal based on detection of light levels

Soldering: 230°C for 3 seconds

CdS Photocells

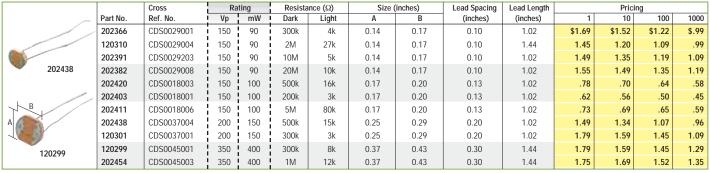
· Cadmium Sulfide (CdS) • Operating temperature: -30°C to +70°C

NEW

13 max.

★ Web Code: CBG

Applications: Auto-focus lenses, exposure meters, contrast controls for TVs, dimmer or light switches, flame detectors, electronic toys, street lamp switches, optocouplers



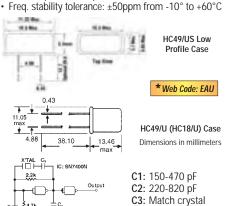
Oscillators & Crystals

Crystals

Frequency calibration tolerance: ±50ppm @ 25°C

Operating temp.: -10°C to +60°C

Shunt capacitance: 7pF max. • Drive level: 4.0mW max.



Application Reference (4~14MHz) (parallel resonance)

impedance

JAMECO ValuePro HC49/US Low Profile Case

	11017/03 Edw 110ille dusc										
		Frequency	! !	Pricing							
Part No.	Mfr.	(MHz)	Impedance	1	10	100					
324962	JVP	4.0 %	20pF	\$.45	\$.35	\$.25					
324822	JVP	7.3728 †	20pF	.59	.55	.49					
324831	JVP	7.3728⊕	20pF	.45	.427	.406					
325198	JVP	12.0 †	20pF	.47	.447	.425					
325201	JVP	12.0 🖸	20pF	.56	.51	.35					
325104	JVP	18.432	20pF	.47	.447	.425					
325059	JVP	20.0⊕	20pF	.47	.447	.425					
325024	JVP	24.0⊕	20pF	.49	.39	.25					

† Industrial temperature range is -40°C to 85°C Blue Part No. = Limited Quantity Available

14-Pin Crystal Oscillator Socket

· Can be PCB mounted without the modifications that would be needed with DIP IC socket * Web Code: COS

 Low profile solder tail: machine tooled for 4-pins

Good for prototyping and PCB mounting

			. 9	
Part No.	Description	1	10	100
133006	MDL-1/4	\$.55	\$.45	\$.35

HC49/U (HC18/U) Case

		Frequency		Pricing		
Part No.	®Mfr.	(MHz)	Impedance	1	10	100
102613	+	1.8432	18pF	\$1.19	\$1.10	\$.82
324283	JVP	2.0	Series	.75	.59	.45
101274	+	2.4576	32pF	.75	.59	.45
14533	+	3.579545	18pF	.40	.34	.25
324364	JVP	4.0 🗶	Series	.35	.30	.27
14592	+	4.0	20pF	.59	.54	.41
324419	JVP	5.0	20pF	.34	.30	.27
324451	JVP	6.0	32pF	.37	.33	.29
324460	JVP	6.0	Series	.37	.33	.29
14728	+	8.0	Series	.75	.59	.45
14381	+	10.0	Series	.79	.69	.59
120061	+	11.0592	Series	.80	.71	.53
14402	+	12.0	Series	.80	.68	.50
537799	+	14.31818	Series	.25	.22	.19
324216	JVP	18.0	20pF	.34	.30	.28
324241	JVP	19.6608	20pF	.39	.35	.29
324268	JVP	20.0 🕿	20pF	.35	.30	.26
14517	+	20.0	Series	.79	.69	.52

HC49/S Low Profile Case

- Operating temp.: -10°C to +60°C
- Drive level: 0.5mW (fundamental frequency)
- Aging: ±5ppm/year max.
- Frequency stability tolerance: ±50ppm

			Freq.		Pri	cing
Part No.	Comparable:	Mfr.	(MHz)	Imped.	1	10
137832	CY4LP	+	4.000	17pF	\$.49	\$.37
137875	CY11.05LP	+	11.0592	Series	1.05	.81
137891	CY16LP	+	16.000	Series	.39	.33

+

(ullet)

Tuning Fork

 Operating temperature range: -10°C to +60°C

Frequency: 32.768kHz · Drive level: 1mW

 Frequency tolerance: ±50ppm Aging for first year: ±3ppm (max. +25°C)

Part No. Comparable to: 10 100 Imped 14584 CY32.76 10.5pF \$.89 \$.79 \$.69

TTL Oscillators * Web Code: MAM

- Frequency stability ±100ppm Operating temp.: 0°C to 70°C
- Output load TTL: 10 TTL max.

Half Can

Input voltage: +3.3VDC ±10%

 OSC series oscillators fit into a 14-pin DIP socket P/N 676385, web

P	11 pii bii 300kot 1714 070000, Wob 1 1											
		Frequency	Max. Input	Rise Fall	Pricing							
Part No.	Mfr.	(MHz)	Current	Time	1	10	100					
325462	+	1.0	15mA	10ns	\$1.95	\$1.49	\$1.25					
325489	+	1.8432	15mA	10ns	1.95	1.49	1.25					
325526	JVP	4.0 ↔	15mA	10ns	1.95	1.65	1.35					
354829	JVP	10.0	25mA	5ns	1.35	1.20	1.08					
100770		1100	4 F A	/	1 75	1 40	1 25					

Part No.	Mtr.	(MHz)	Current	Time	1	10	100
325462	+	1.0	15mA	10ns	\$1.95	\$1.49	\$1.25
			15mA	10ns	1.95	1.49	1.25
325526	JVP	4.0 ⊕	15mA	10ns	1.95	1.65	1.35
354829 J	JVP ¦	10.0	25mA	5ns	1.35	1.20	1.08
102779	+ ¦	10.0	45mA	6ns	1.75	1.49	1.25
325665	JVP ¦	20.0	30mA	10ns	1.95	1.65	1.35
325730	JVP ¦	40.0 2	70mA	5ns	1.95	1.65	1.35

Full Can

Inpu

 OSC 14-p

OIN D	IP SOCKET I	Max.	Rise Fall	web	Pricing	
	es oscillate IP socket I			web	T	7
	tage: +5VL			- 1		-3

* Web Code: XAD

		Frequency	Input	Fall	Pricing		
Part No.	•Mfr.		Current	Time	1	10	100
27861	+	1.0	7mA	15ns	\$2.49	\$2.20	\$1.43
27879	+	1.8432	7mA	15ns	2.39	2.15	1.61
27924	+	2.0	7mA	15ns	1.49	1.39	1.29
27967	+	4.0	7mA	10ns	1.99	1.79	1.59
27991	+	8.0	15mA	15ns	2.39	2.03	1.79
27887	+	10.0	15mA	10ns	1.99	1.79	1.34
27895	+	12.0	15mA	10ns	1.89	1.75	1.31
27908	+	16.0	15mA	10ns	1.55	1.35	.95
27932	+	20.0	17mA	10ns	2.15	1.83	1.46
76822	+	33.0	18mA	6ns	1.99	1.69	1.28
153226	+	40.0	15mA	6ns	1.25	.99	.79
76857	+	100.0	25mA	3ns	2.49	2.26	1.70

144 Littelluse Fuse Holders

3AG Omni-Blok® Molded Base Type Fuse Block

· Dielectric strength: 1500V min.

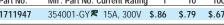
Clip/terminals: tin plated spring brass

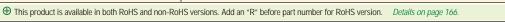
Solder terminal



Mfr. Part No. C	urrent Rating	j 1	10	100
354001-GY ≈	15A, 300V	\$.86	\$.79	\$.67

Part No. 1711947









Mfr. P/N

RA030-60 **2**

Fuses, Fuse Holders, Clips & Varistors

Part No

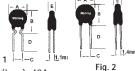
199858

Resettable Fuses

Polymer Positive Temperature Coefficient (PPTC) fuses have provided designers in numerous industries a new tool in their battle to improve product quality and performance. As PPTC fuses are resettable, warranty costs and service calls are largely avoided.

(I_H, A)

0.30



 Rated voltage: (V_{MAX}): 60V Max. current: (I_{MAX}): 40A

 Lead length (D): 7.6mm min. · Thickness (E): 3.1mm ma Hold Curr. Trip Curr.

Fig

1

7.4 13.0

 (I_T, A)

0.60

ax.	* V	★ Web Code: SBF							
Pricing									
1	10	100	500						
.54	\$.49	\$.47	\$.37						
.63	.58	.55	.51						

LA Series Radial Leaded Varistors

LA Series

The LA series of transient voltage suppressors are radial-lead varistors (MOV) that are designed to be operated continuously across AC power lines.

1000

\$.06

.09

1000

86

1000

.75

100



			Size (Dia.)	Continuous Voltage		Transient Energy	Max. Clamping Voltage		Pricing		
Part No.	Mfr.	Product No.	mm	V _{M(AC)}	V _{M(DC)}	Joules	V _c	I _{PK(A)}	1	10	100
34446	+	V130LA10A	14	130	175	38	340	50	\$.34	\$.31	\$.29
667032	JVP	V130LA2 ₹	7	130	200	17.5	340	10	*	.08	.07
1762883	LTL	V130LA20AP≉	20	130	175	70	340	100	.47	.43	.39
667059	JVP	V130LA20B ₹	20	130	200	140	340	100	.39	.35	.31

ZA Equivalent Series								*	Order in	multipl	es of 10	
	666793	JVP	V22ZA1 ≉	7	14	22	0.9	43	2.5	*	\$.21	\$.187

JAMECO ValuePro

199874 RA050-60 **2** 0.50 1.00 7.9 13.7 5.1 1 199882 RA065-60 🕿 0.65 1.30 9.7 14.5 5.1 .36 199912 RA110-60 🗷 2.20 13.0 18.0 5.1 .57 .55 .40 / W/ JAMECO ValuePro **Fuse Holders & Clips** Low Profile Fuse Clips **AMECO** · Low contact resistance **EXCLUSIVE** 102860 102842 · Withstands shock/vibration • Order in multiples of 10 * Web Code: EEE Description Size (H" x W" x D" x P") 10 100 102860 5mm, front leads 2 .37 x .25 x .21 x .19 \$.09 102842 1/4", front leads (10A) 2 .32 x .27 x .25 x .2310 1¼" x ¼" Standard Thumbscrew Cap Holders 18703 Straight solder terminal Part No. Approvals Size (L" x Dia.") Mounting Hole Current 10 100 120994 CE 🕿 1.95" x .71" .58"Dia. (Double D-style) 10A @ 250VAC \$.83 \$.66 UL/CSA 🗷 18703 2.05" x .71' .58"Dia. x .52"Flat (D-style) 10A @ 250VAC 1.59 1.35 1.15 5mm x 20mm Miniature Thumbscrew Cap Holders · Straight solder terminal Part No. Approvals Size (L" x Dia.") Mounting Hole 10 100 150464 CE 🕿 1.5 x 0.6 .50"Dia. x .43"Flat 6A @ 250VAC \$.97 \$.87 102825 UL/CSA ₹ 1.5 x 0.6 .50"Dia. 10A @ 250VAC92 5mm x 20mm Mini Low Profile Fuse Holder Description Size (L" x Dia.") Part No. Current 10 Mounting Hole Fuse holder UL/CSA .5"Dia. x .46"flat (D-style) 10A @ 250VAC 102832 1.4 x 0.6 \$2.95 \$2.69

Size (mm)

В

C

5.1

11/4" x 1/4" Standard In-Line Fuse Holders 102868 · Built-in spring ensures good fuse connection

Viriyi cov	rerea wire	with stranded t	copper center				
Part No.	AWG	Wire Lengths	Body Length	Body Color/Wire Color	1	10	100
109322	22 🗷	3.5/3"	2.4"	Black/Red	\$1.19	\$1.01	\$.89
102868	20 🕿	3/3"	2.2"	White/Red	<mark>78</mark>	.66	.58
151918	18 🗷	6/6"	2.4"	White/Red		1.02	.78
108784	16 2	21/26"	2.2"	Black/Orange		1.52	1.14
108792	142	19/25"	2.5"	Black/Red		2.59	1.99

5mm x 20mm Miniature In-Line Fuse Holder							
Part No.	AWG	Wire Color	Body Size	1 10	100		
109330	20	Red	1.8"L\$.6	9 \$.56	\$.42		

* More Fuse Holders Available Online — Enter Web Code: UEA

Fuse Holders

1.25" x .25" Standard Fast Acting * Web Code: AAB (250V) AGC/3AG Fuses * Order in multiples of 10 Mfr. Amps 10 100 Part No. Cross Ref. AGC-250mA ₹ JVP 69404 .25A \$.52 \$.44 10410 AGC-1/2 ⊕ JVP .5A .19 .15 AGC-1 🕿 JVP 10373 .20 1A .34 312001.HXP 652949 LTL 1A.. .25 .23 197528 AGC-1.6 JVP 1.6A .20 .15 10382 AGC-2 🗷 JVP 2A .30 .18 69438 AGC-3 ⊕ LTL 3A .29 .25 197544 AGC-4 JVP 4A .29 .26 AGC-5 ⊕ 🌣 JVP 5A 22 .20 10401 653010 312005.HXP₹ LTL 5A .22 .19 197552 AGC-6.3 JVP 6.3A .26 .20 AGC-10 ⊕ 69462 JVP 10A .19 .15 186301 JVP 16A

Fuses

Blue Part No. = Limited Quantity Available

1.25" x .25" Standard Slow Blow * Web Code: EAL							
MDL/3A	AG Fuses (25	50V)	(-	
Part No.	Cross Ref.	•Mfr.	Amps	1	10	100	
25655	MDL-1/4 ₹	JVP	.25A \$.	.37	\$.33	\$.30	
25689	MDL-1/2	JVP	.5A	59	.49	.39	
25639	MDL-1 ₹	JVP	1A	68	.61	.49	
25646	MDL-2	JVP	2A	51	.43	.32	
69535	MDL-3 ₹	JVP	3A	49	.47	.35	
653511	313003HXP ₹	LTL	3A	76	.75	.74	
25672	MDL-5 ₹	JVP	5A	47	.45	.43	
69570	MDL-10 ₹	JVP	10A	96	.83	.66	

5mm x 20mm Mini Fast Acting ★ Web Code: QAM GMA Fuses (250V)

· Recommended for new designs

 Order in 	multiples of 10					
Part No.	Cross Ref.	®Mfr.	Amps	10	100	500
103887	GMA-250mA ₹	JVP	.25A	\$.43	\$.40	\$.37
102041	GMA-500mA	JVP	.5A	23	.21	.20
103908	GMA-1 ≈	JVP	1A	27	.19	.15
103916	GMA-2 ₹	JVP	2A	31	.22	.16
103924	GMA-3 ≈	JVP	3A	34	.30	.21
103932	GMA-5 ≈	JVP	5A	25	.20	.16

5mm x 20mm Mini Slow Blow
GMD Fuses (250V)

•	Order in	multiples of 10)
Р	art No.	Cross Ref.	•

Part No.	Cross Ref.	•Mfr.	Amps	10	100	1000
197502	GMD-500mA	Z JVP	500mA	\$.37	\$.33	\$.29
197465	GMD-1 ₹	JVP	1A	35	.28	.21
197472	GMD-2 ⊕	JVP	2A	25	.22	.20
197482	GMD-3.15 ₹	JVP	3.15A	40	.36	.33
197500	GMD-5 ₹	JVP	5A	47	.43	.39

· Current rating: 20A · Terminals: tinned copper alloy Solder terminals · Terminals: copper & copper alloy, tin plated · Holder: thermoplastic UL94V-0, polyester Mfr. Part No.

Mfr. Part No. 1716887

Electrical rating: 250V,

6.3A, 1.6W

Subminiature No. 560 for TR5°/TE5° Fuses · PCB Mount, 7.18mm pin spacing

* For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



4 Littelfuse

1711681

Panel Mount for 3AG Fuses

· Dielectric strength: 2400V min. Knob: bayonet style with lettering

Molded parts: black thermoplastic, UL94V-0

* Web Code: UEA

* Web Code: RAM

3 LEVELS OF SAVINGS RANCHISE GENERIC HOUSE OVERRU

Includes the Most Popular Components with Extra Spaces for Your Customized Expansion

- Each kit includes drawer componet cabinet (319600) and 20 plastic dividers (319611)
- · Each kit has the most popular component in its category
- Each kit is designed for your specific expansion
- · Includes identification labels for each drawer, with reorder numbers to replenish stock and blank adhesive labels for empty drawers
- Drawers 20 clear plastic (319601)
- · Free standing or wall mountable cabinet
- Cabinet size: 6.0"L x 15.0"W x 7.9"H Drawer size: 5.5"L x 2.7"W x 1.5"H
- · Case: ABS-black
- · Weight of kits: 4.6 to 6.4 lbs





81841 (Capacitor Kit)

CAVE \$141 7400 Series IC Kit

1400 Schies in Kit SAVE 4							
Includes	Includes 350 pcs. (30 Types) 7400 (TTL) Intergrated Circuits						
10 each	10 each	10 each	10 each	10 each	20 each		
7402	7416	7438	74121	74157	7400		
7405	7417	7447	74123	74160	7404		
7408	7420	7470	74132	74174	7406		
7410	7430	7485	74151	74175	7407		
7414	7432	74107	74153	74279	7474		
Part No.	Descrip	tion		1	10		
84953	350 pc:	s. 7400 ser	ies IC kit	\$199.95	\$179.95		

1/8-Watt Carbon Film Resistor Kit

Includes 540 pcs. (30 Values) 1/8-Watt 5% Resistors							
10 each	10 each	10 each	10 each	10 each	50 each	50 each	
10Ω	390Ω	2.2kΩ	6.8kΩ	47kΩ	100Ω	100kΩ	
47Ω	470Ω	$2.7k\Omega$	$15k\Omega$	470kΩ	220Ω		
150Ω	680Ω	$3.3k\Omega$	$22k\Omega$	$1M\Omega$	1kΩ		
270Ω	$1.5k\Omega$	$5.1k\Omega$	$27k\Omega$	$10M\Omega$	$4.7k\Omega$		
330Ω	$2K\Omega$	$5.6k\Omega$	$33k\Omega$		$10k\Omega$		
Part No.	Descr	iption			1	10	
108329	540 p	cs. 1/8-w	att Resis	tor kit	\$27.95	\$24.95	

Electronic Hardware & Spacer Kit Includes 2400 pcs. (25 Types) Spacer, Hex Nuts

85059 (Switch Kit)

Flat, Tooth & Lock Washers and Slotted PH Screws							
100 each	100 each	100 eac	h 100 each	100 each	100	0 each	
Spacers	Hex Nuts	Flat	Internal Tooth	Split Lock	PH N	Machine	
_	2-56	_	_	#2	2-56)	(1/4, —	
4-40	4-40	#4	#4	#4	4-40)	(1/4, 1/2	
6-32	6-32	#6	#6	#6	6-32)	(1/4, 1/2	
8-32	8-32	#8	#8	#8	8-32)	(1/2, —	
Part No.	Descript	tion			1	10	
108433	2400 pc	s. Electr	onic Hardware	e kit \$8	9.95	\$75.95	

74LS00 Series IC Kit

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Includes 420 pcs. (35 Types) 74LS00 (TTL) Intergrated Circuits

84961	420 pcs. 74l	S series IC kit	\$149.95	\$129.95
74LS47	74LS123	74LS175	74LS374	74LS138
74LS30	74LS93	74LS174	74LS373	74LS74
74LS20	74LS90	74LS157	74LS273	74LS32
74LS14	74LS86	74LS155	74LS245	74LS08
74LS11	74LS85	74LS151	74LS244	74LS04
74LS10	74LS75	74LS139	74LS240	74LS02
74LS05	74LS73	74LS125	74LS193	74LS00
10 each	iu each	iu each	iu each	20 each

1/4-Watt Carbon Film Resistor Kit

Includes 540 pcs. (30 Values) 1/4-Watt 5% Resistors						
10 each	10 each	10 each	10 each	10 each	50 each	50 each
10Ω	390Ω	$2k\Omega$	$5.6k\Omega$	$47k\Omega$	100Ω	$100k\Omega$
47Ω	470Ω	$2.2k\Omega$	$15k\Omega$	$470k\Omega$	220Ω	
150Ω	680Ω	$2.7k\Omega$	$20k\Omega$	$1M\Omega$	1kΩ	
270Ω	$1.2k\Omega$	$3.3k\Omega$	$22k\Omega$	$10M\Omega$	$4.7k\Omega$	
330Ω	$1.5k\Omega$	$5.1k\Omega$	$33k\Omega$		10kΩ	
81832	540 p	cs. 1/4-w	att Resis	tor kit	\$29.95	\$26.95
103166	Refill	for 8183	2 (540 pc	s.) ≉	. 12.95	10.95

Monolithic Ceramic Capacitor Kit

Includes 2	?80 pcs. (10 Ty _l	pes) 50V ±209	% Monolithic Co	eramic Caps.
10 each	10 each	10 each	10 each	100 each
22pF	.001µF	.047µF	.22µF	.01µF
100pF	.0022µF	.47µF	1μF	.1µF
171475	280 pcs. Mo	onolithic Cap	. kit \$36. 9	95 \$32.95
171483	Refill for 17	1475 (280 pc	cs.) 24. 9	95 21.95

CD4000 Series (CMOS) IC Kit

Includes 300 pcs. (25 Types) CD 4000 Series Intergrated Circuits					
10 each	10 each	10 each	10 each	20 each	
CD4015	CD4024	CD4051	CD4093	CD4001	
CD4016	CD4027	CD4069	CD4511	CD4011	
CD4017	CD4040	CD4070	CD4538	CD4013	
CD4020	CD4046	CD4071	CD4543	CD4049	
CD4023	CD4050	CD4081	CD4584	CD4066	
84970	300 pcs. CE	4000 series	IC kit \$84.95	\$74.95	

1/2-Watt Carbon Film Resistor Kit

includes 540 pcs. (30 values) 1/2-vvatt 5% Resistors						
10 each	10 each	10 each	10 each	10 each	50 each	50 each
10Ω	390Ω	$2.2k\Omega$	6.8 k Ω	47kΩ	100Ω	100kΩ
47Ω	470Ω	$2.7k\Omega$	$15k\Omega$	$470k\Omega$	220Ω	
150Ω	680Ω	$3.3k\Omega$	$22k\Omega$	$1M\Omega$	1kΩ	
270Ω	1.5 k Ω	$5.1k\Omega$	$27k\Omega$	$10M\Omega$	$4.7k\Omega$	
330Ω	$2k\Omega$	$5.6k\Omega$	$33k\Omega$		$10k\Omega$	
107879	540 p	cs. 1/2-w	att Resis	tor kit	\$29.95	\$25.95
107853	Refill	for 1078	79 (540 p	ocs.) %	. 15.95	14.25

Radial Electrolytic Capacitor Kit

includes 240 pcs. (15 values) Radial Electrolytic Capacitors					
10 each	10 each	20 each	20 each	20 each	
100μF @ 50V	1000μF @ 16V	1μF @ 50V	3.3µF @ 50V	22µF @ 50V	
220µF @ 25V	2200µF @ 25V	1μF @ 100V	4.7µF @ 50V	47µF @ 50V	
470µF @ 25V	3300µF @ 25V	2μF @ 50V	10μF @ 50V	100µF @ 25V	
81867	240 pcs. Radia	al Capacitor	kit \$39.	95 \$34.95	
130331	Refill for 8186	7 (240 pcs.))29.	95 24.95	

SAVE \$37 Linear IC Kit

10 each	10 each	10 each	10 each	20 each
TL72CP	LM337T	LF412CN	ULN2803A	LM317T
TL74CN	LF353N	LMC555CN	NE5532N	LM324N
TL082CP	LF356N	LM556N	7808T	LM339N
TL084CN	LM358N	LM723CN	78L12CZ	LM741CN
MAX232CPE	LM386N-1	LM1458N	7815T	LM555CN
LM301N	LM386N-3	DS1488N	7905T	7805T
LM308N	LM393N	DS1489N	7912CT	78L05CZ
LM311N	LF411CN	ULN2003AN	7915CT	7812T
84988	480 pcs. (40 ty	pes) Linear IC k	it \$199.9 5	\$179.95
130411	Refill for 84988	(480 pcs.)	179.95	159.95

1/2-Watt Single Turn Cermet Pot Kit

	~	,		
10 each	10 each	10 each	10 each	10 each
63P500Ω	63P2kΩ	63P10kΩ	63P50kΩ	63P500kΩ
63P1kΩ	63P5kΩ	63P20kΩ	63P100kΩ	63P1MΩ
85032	100 pcs. si	ngle turn Pot	kit \$74.	95 \$64.95

3/4-Watt 15 Turn Cermet Pot Kit

10 each

43P10kΩ

Includes 100 pcs. (10 Values) 3/4-Watt Linear Taper Potentiometer

10 each

43P50kΩ

 $43P100k\Omega$

SAVE \$8 **Axial Capacitor Kit** Includes 140 pcs. (10 Values) ±20% Axial Electrolytic Capacitors

10 each	10 each	10 each	20 each	20 each
47μF @ 50V	220µF @ 50	OV 1000μF@25V	′ 1µF @ 50V	10μF @ 50V
100μF @ 50	V 470µF @ 50	OV 2200μF@16V	4.7μF @ 50V	22μF @ 50V
81875	240 pcs. R	adial Capacitor	kit \$39.	95 \$34.95
130340	Refill for 87	1875 (140 pcs.) 26.	95 23.95

Ceramic Disc Capacitor Kit SAVE \$19

100 each

.022µF

.047µF

520 pcs. Ceramic Capacitor kit \$34.95 \$29.95

Includes 520 pcs. (10 Values) 50V Ceramic Disc Capacitors

20 each

470pF

.001µF

Transistor Kit

SAVE \$9

Includes 560 pcs. (20 Types)			SAV	L 47
10 each	10 each	10 each	10 each	100 each
2N2222A	2N4401	MJE3055T	TIP31A	2N3904
2N2907A	2N4403	MPF102	TIP32A	2N3906
2N3053	2N5951	MPSA06	TIP102	PN2222
2N3055	2N7000	MPSA13	TIP120	PN2907
82595	560 pcs. Trai	nsistor kit	\$59.95	\$54.95
130374	Refill for 825	95 (560 pcs.)	49.95	44.95

LEDs & Mounting Hardware Kit

100 pcs. 15 turn Pot kit.

Jailleco Fait No. Delow			3	AVL VI-
Includes	560 pcs. (20	Types) LED	s and Mount	ing Hardware
10 each	10 each	10 each	10 each	100 each
11359	34657	34761	114673	23077
11797	34673	104248	114681	95513
14277	34690	104256	136493	202471
34606	34711	104264	175695	2006730
84996	560 pcs. L	ED & Hardwa	are kit \$69	9.95 \$59.95

10 each

43P1MΩ

\$84.95 \$74.95

43P500kΩ

20 each

10pF

22pF

81859

130232 Refill for 81859 (520 pcs.) 22.95 Mylar Capacitor Kit

20 each

47pF

100pF

SAV	Ε	\$1	9
31 1 1	_		

100 each

.01µF

Includes 280 pcs. (10 Values) 100V ±10% Mylar Capacitors					
10 each	10 each	10 each	10 each	10	0 each
.001µF	.022µF	.047µF	.47µF	.01	lμF
.0047µF	.033µF	.22µF	1μF	.1μ	μĒ
81883	280 pcs. My	ılar Capacito	or kit \$	39.95	\$34.95
130358	Refill for 81	883		29.95	24.95

Diode and Rectifier Kit SAVE 8%

Includes 420 pcs. (15 Types) Zener Switching & Silicon Rectifiers					
10 each	10 each	10 each	10 each	100 each	
1N270	1N4007	1N4735A	1N5408	1N914	
1N751A	1N4150	1N4742A	C106B1	1N4004	
1N4001	1N4733A	1N5404	KBP04M	1N4148	
82587	420 ncs Ding	le kit	\$39.9	5 \$34.95	

Switch Kit *Jameco Part No. below SAVE \$50 Includes 150 pcs. (15 Types) Pushbutton, DIP & Toggle Switches 10 each 10 each 10 each 10 each 10 each 21910 21979 26358 26649 109171 38818 21936 26315 26367 139012 21952 26331 26623 76523 153252

Dipped Tantalum Capacitor Kit

includes 150 pcs. (15 values) ±20% Dipped Tantalum Capacitors				
10 each	10 each	10 each	10 each	10 each
.1µF @ 35V	1μF @ 25V	3.3µF @ 35V	10μF @ 16V	22μF @ 16V
.22µF @ 35\	V 1μF @ 16V	4.7µF @ 35V	10μF @ 35V	33μF @ 25V
.47µF @ 25\	V 2.2μF @ 16V	6.8µF @ 35V	15µF @ 25V	47μF @ 25V
81841	150 pcs. Tanta	alum Capacit	or kit \$79.	95 \$69.95
130260	Refill for 8184	1 (150 pcs.)	64.	95 54.95

[🗷] RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.

150 pcs. Switch kit \$119.95 \$109.95



85059

10 each

43P500Ω

10 each

43P2kΩ

* Jamoco Part No. holow

















• Opened grab bags are not returnable • Use our 20-drawer cabinet w/ labels to store your components, P/N 319600

319600 - Cabinet

Shaded in brown on this page you will find Jameco's nine (9) most popular component Grab Bags. They are all individually bagged, and are combined to make up the Schwab's School Selection (P/N 163213) referenced towards the bottom of the page.

Capacitor Assortments

Part No.	Product No.	Description	Wt. (lbs.)	1	10
17857	GB100	200 assorted ceramic disc capacitors	0.2	\$6.95	\$5.95
135335	GB100LB	900 assorted ceramic disc caps	1.0	14.95	12.95
17881	GB101	100 assorted mylar capacitors	0.3	5.95	4.95
135458	GB101LB	400 pcs assorted mylar capacitors	1.0	14.95	12.95
17911	GB102	100 assorted electrolytic capacitors radial, axial, snap	0.5	6.95	5.95
135394	GB102LB	300 assorted electrolytic caps radial, axial, snap (photo above)	1.0	12.95	10.95
17945	GB103	100 assorted tantalum capacitors (dipped epoxy and solid tubular)	0.1	12.95	10.95

Inductors and Chokes

Part No.	Product No.	Description	Wt. (lbs.)	1	10
2081342	GB200	100 assorted axial chokes & inductors	0.2	\$9.95	\$8.95

Resistors and Resistor Network Assortments

Part No.	Product No.	Description V	Vt. (Ibs.)	1	10
134130	GB115	200 asst. 1/8, 1/4, 1/2 resistors (2,5&10%)	0.8	\$5.95	\$4.95
18104	GB116	200 assorted 1/4W resistors (5&10%)	0.1	4.95	3.95
135351	GB116LB	2000 assorted 1/4W resistors	0.75	14.95	12.95
18139	GB117	200 assorted 1/2W resistors (5&10%)	0.2	6.95	5.95
18163	GB118	200 asst. 1/8W resistor networks (2&5%) (8 & 10-pin SIP packages, 22Ω-150k	0.25	5.95	4.95

Trimmers, Single and Multi-Turn Potentiometers

Part No.	Product No.	Description	Wt. (lbs.)	1	10
18075	GB113	100 assorted 1/10W to 1/8W trimmer	0.1	\$6.95	\$5.95
		pots (100 Ω to 2M Ω values)			
18278	GB174	100 assorted 1/4W, 1/2W & 3/4W	0.2	9.95	8.95
		multi-turn pots (100 Ω to 5M Ω assorte	ed values)		
135407	GB174LB	300 assorted 1/4W, 1/2W & 3/4W	1.0	19.95	17.95
		multi-turn pots (100 Ω to 5M Ω assorte	d values)		

LEDs, 7-Segment Displays and Photocells

Part No.	Product No.	Description \	Nt. (lbs.)	1	10	25
18041	GB110	100 assorted sizes & colored LEDs	0.1 \$7.	.95	\$6.95	\$5.95
		(T1 & T1 ³ / ₄ round and rectangular)				
18323	GB186	500 assorted sizes #18041 LEDs	0.3 24 .	.95	22.95	19.95
135271	GB110LB	1900 assorted #18041 LEDs	1.0 . 59 .	.95	54.95	49.95
18201	GB162	50 assorted sizes of colored displa	ys 0.5 10 .	.95	9.95	8.95
		(7-segment LED, modules, stick)				
169578	GB125	100 assorted values photocells	0.2 21 .	.95	19.95	17.95

Schwab's Electronic Component School Selection

Jameco's nine (9) most popular Grab Bags (highlighted on this page) are all individually bagged. North Dakota Engineer, Loren Schwab, recommended this selection of products as a standard item. He also recommended a 20-drawer component cabinet with labels (319600, see photo above) for storage.



transistors, potentiometers, LEDs, 1/4W resistors, switches, spacers and standoffs. Part No. Product No. Description Wt. (lbs.) 10 163213 GB197 Schwab's School Selection 2.0 **\$49.95** \$44.95 319600 6897CAB**₹** 20 drawer component cabinet 4.7 **16.95** 15.95 14.95

Integrated Circuits and Sockets

		9			
Part No.	Product No.	Description	Wt. (lbs.)	1	10
17996	GB108	100 assorted TTL series (74, 74ALS, 74C, 74HC, 74HCT, 74F, 74FS, 74S)	0.2 \$10	0.95	\$9.95
135280	GB108LB	400 assorted TTL series (same as P/N 17996, above)	1.0 2 '	9.95	26.95
18024	GB109	100 asst. linear series (NSC, Motorola, T TO-3, 8 & 14-pin DIP, SOIC packages	l) 0.6 1 2	2.95	11.49
145242	GB109LB	300 assorted linear series (NSC, Motorola, TO-3, 8 & 14-pin DIP, SOIC packages	TI) 0.5 2 ^t	9.95	26.95
105620	GB120	100 assorted sockets (DIP IC, PGA, Header	rs) 0.3	6.95	5.95
135386	GB120LB	300 assorted sockets (DIP, PGA, SIMM, SIP, DIN, Headers)	1.0 1 4	4.95	13.95

Diodes, Transistors and Crystals/Oscillators

Part No.	Product No.	Description	Wt. (lbs.)	1	10	25
17961	GB107	200 assorted diodes (zener, switching, silicon)	0.1	\$9.95	\$8.95	\$7.95
18171	GB127	100 assorted transistors (NPN, PNP, power)	0.1	7.95	6.95	5.95
114446	GB150	50 assorted crystals/oscillators	s 0.2	7.95	6.95	5.95

Switches, Toy Motors, Gears and Fans

Part No.	Product No.	Description	Wt. (lbs.)	1	10
18235	GB165	50 assorted switches	0.4	. \$8.95	\$7.95
		(toggle, pushbutton, rocker, slide)			
135378	GB165LB	150 assorted #18235 switches	1.0	. 19.95	17.95
18294	GB182	5 assorted toy DC motors (1.5-24V)	1.1	7.95	6.95
149649	GB193	5 assorted AC&DC fans (photo above	e) 4.5	9.95	8.95
1943094	GB198	30 assorted gears, plastic/nylon	0.3	12.95	10.95
		(20, 22, 23, 59, 63 teeth vary)			

Spacer and Threaded Standoff Assortments

 Round 	• Hex • Al	uminum • Brass	• Steel • F	lastic •	Nylon	
Part No.	Product No.	Description		Wt. (lbs.)	1	10
55968	GB140	100 assorted 4-40, 6-3 alum/brass/nylon, sp		x, 0.3	. \$16.95	\$14.95
135423	GB140LB	300 assorted same as	P/N 55968	2.0	34.95	31.95

Screw, Nut and Washer Hardware Assortments

 Screws, 	nuts, washer	s and lock washers; sizes 2-	56, 4-40, 6-	-32 an	d 8-32	
 Plastic 	 Steel 	 Brass Alur 	minum		Nylon	
Part No.	Product No.	Description	Wt. (lbs.)	1	10	25
171571	GB149	500 assorted types of screws, nuts, washers & lock washers	1.0	\$6.95	\$5.95	\$4.95
171635	GB149LB	1400 assorted types; same as P/N 171571 (above)	2.0	15.95	14.95	13.95

Bumpers, Grommets and Rubber Feet Assortment

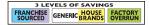
Part No.	Product No.	Description 1	10
2081385	GB201	100 assorted bumpers, grommets, and \$8.95	\$7.95
		adhesive/non-adhesive rubber feet	

Surprise Electronic Component Grab Bag

Axial and radial electrolytics, monolithic, dipped silver mica and mylar capacitors, ICs, connectors, sockets, headers, thermistors, LEDs, resistor networks, diodes, standoffs, transistors, oscillators/resonators, inductors, crystals, resistors, pots and switches (1000 pcs.)

Part No.	Product No.	Description		1	10
135263	GB191LB	1000 assorted pieces electronic compone	ents	\$19.95	\$17.95

* For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above

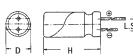


FRANCHISE SOURCED GENERIC HOUSE OVERRUI

JAMECO ValuePro

Aluminum Radial-Lead Polarized Electrolytic Capacitors (±20%) 85°C

† CROSS REFERENCES: Nichicon: LB/VX/USA/SR/SA/UVR; Elna: RC2/RE2; IC: RAR/RSS; Marcon: SEM/SSM; Rubycon: MS7/TWSS; Sprague: 501D/513D; UCC: SME/SRE/SRA/SRG; Panasonic: KA/KS/SU





Leakage Current	After 1 min.	0.03CV or 4μ A, whichever is greater
(20°C)	After 2 min.	0.01CV or 3μ A, whichever is greater

85°C - General Purpose

V Order	in	multiples of 10	

Part No. Ref. No.↑ *Value Size (mm)* Pricing 609043 UVR2A0R1MDDR JVP 0.1 100 5 x 11 x 2 ** \$.09 \$.07 330465 RAO.47/50 R JVP 0.47 50 5 x 11 x 2 ** .05 .04 330431 RAI/25 R JVP 1 25 5 x 11 x 2 ** .06 .05 29833 R1/50 R JVP 1 50 5 x 11 x 2 ** .06 .05 94161 5R1/50 R JVP 1 50 5 x 11 x 2 ** .06 .05 94161 5R1/50 R JVP 1 50 5 x 11 x 2 ** .06 .05 115423 R1/63 R + 1 63 5 x 11 x 2 ** .05 .04 93731 R2:2/50 R JVP 2.2 6.3 4 x 8 x 4.5 ** .06 .05 940310 R4.7/50 R JVP 4.7 50	\$005 \$.055 .03 .04 .04 .05 .09 .04 .05 .03 .05 .03 .03 .04 .05
March Mar	\$.055 .03 .04 .04 .05 .08 .09 .04 .03 .05 .04 .05 .04 .05 .04 .05 .04 .05 .06 .07 .07 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09
330465 RA0.47/50	.03 .04 .04 .05 .08 .09 .04 .03 .05 .04 .05 .04 .05 .04 .05 .04 .05 .04 .05 .06 .07 .07 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09
330431 RA1/25	.04 .05 .08 .09 .04 .03 .05 .04 .05 .03 .03 .045 .03
29831 R1/50	.04 .05 .08 .09 .04 .03 .05 .04 .05 .03 .04 .03
29833 R1/50 ₹ JVP 1 50 5 x 11 x 2 * .08 .06 94161 5R1/50 ₹ JVP 1 50 4 x 5 x 1.5 * .13 .10 330941 RN1/50 ₹ JVP 1 50V 5 x 11 x 2 * .15 .12 115423 R1/63 ₹ + 1 63 5 x 11 x 2 * .06 .05 1946324 R2.2/50 ₹ JVP 2.2 50 5 x 11 x 2 * .08 .06 31000 R4.7/50 + 4.7 50 5 x 11 x 2 * .06 .05 31002 R4.7/50 ₹ JVP 4.7 50 5 x 11 x 2 * .06 .05 31002 R4.7/50 ₹ JVP 4.7 50 5 x 11 x 2 * .06 .05 31002 R4.7/50 ₹ JVP 4.7 50 5 x 11 x 2 * .06 .05 1946341 R10/6.3RT + 10 6.3 3 x 6 x 4 * .06 .045 198838 </td <td>.05 .08 .09 .04 .03 .05 .04 .05 .03 .03 .045</td>	.05 .08 .09 .04 .03 .05 .04 .05 .03 .03 .045
94161 5R1/50	.08 .09 .04 .03 .05 .04 .05 .03 .045 .03
330941 RN1/50₹** JVP 1 50V 5 x 11 x 2	.09 .04 .03 .05 .04 .05 .03 .045 .03
115423 R1/63	.04 .03 .05 .04 .05 .03 .03 .045
1946324 R2.2/6.3TR	.03 .05 .04 .05 .03 .045 .03
93731 R2.2/50	.05 .04 .05 .03 .03 .045 .03
31000 R4.7/50	.04 .05 .03 .03 .045 .03
31002 R4.7/50	.05 .03 .03 .045 .03
1946341 R10/6.3ATR	.03 .03 .045 .03
1946332 R10/6.3TR	.03 .045 .03
198838 R10J/16 ⊕ JVP 10 16 5 x 11 x 2	.045 .03 .04
1946367 R10/25ATR	.03
1946359 R10/25TR → 10 25 4 x 7 x 5 * .06 .05 94212 5R10/25 ₹ JVP 10 25 4 x 5 x 1.5 * .10 .08 330916 RN10/25 ₹ ** JVP 10 25 5 x 11.5 x 1.5 * .15 .12 94220 5R10/35 ⊕ JVP 10 35 5 x 5 x 2 * .10 .08 94370 7R10/35 ₹ JVP 10 35 5 x 5 x 2 * .11 .09 29891 R10/50 → 10 50 5 x 11 x 2 * .06 .05 29893 R10/50 ₹ JVP 10 50 5 x 11 x 2 * .10 .08 330482 RA10/63 ₹ JVP 10 63 5 x 11 x 2 * .10 .08 330609 RA10/250 ₹ JVP 10 250 10 x 16 x 5 .35 .25 .19 1946295 R22/10TR → 22 10 5 x 11 x 5 * .04 .03 <th< td=""><td>.04</td></th<>	.04
94212 5R10/25 ₹ JVP 10 25 4 x 5 x 1.5 * .10 .08 330916 RN10/25 ₹ ** JVP 10 25 5 x 11.5 x 1.5 * .15 .12 94220 5R10/35 ⊕ JVP 10 35 5 x 5 x 2 * .10 .08 94370 7R10/35 ₹ JVP 10 35 4 x 7 x 1.5 * .11 .09 29891 R10/50 ₹ JVP 10 50 5 x 11 x 2 * .06 .05 29893 R10/50 ₹ JVP 10 50 5 x 11 x 2 * .10 .08 330482 RA10/63 ₹ JVP 10 63 5 x 11 x 2 * .10 .08 330609 RA10/250 ₹ JVP 10 250 10 x 16 x 5 .35 .25 .19 1946295 R22/10TR + 22 10 5 x 11 x 5 * .04 .03 1946308 R22/25TR + 22 25 5 x 11 x 5 * .06 .04	
330916 RN10/25 ₹ ** 94220 5R10/35 ⊕ JVP 10 25 5 x 11.5 x 1.5	.06
94220 5R10/35 ⊕ JVP 10 35 5x5x2	
94370 7R10/35 ₹ JVP 10 35 4 x 7 x 1.5 * .11 .09 29891 R10/50 ₹ JVP 10 50 5 x 11 x 2 * .06 .05 29893 R10/50 ₹ JVP 10 50 5 x 11 x 2 * .10 .08 330482 RA10/63 ₹ JVP 10 63 5 x 11 x 2 * .10 .08 330609 RA10/250 ₹ JVP 10 250 10 x 16 x 5 .35 .25 .19 1946287 R22/10TR + 22 10 5 x 11 x 5 * .04 .03 1946308 R22/25TR + 22 16 5 x 12 x 5 * .06 .04 1946316 R22/50TR + 22 25 5 x 11 x 5 * .06 .04 93739 R22/50 ₹ JVP 22 50 5 x 11 x 2 * .06 .04 93747 R33/50 ₹ JVP 33 50 6.3 x 11 x 2.5 * .11 .09 <td>.09</td>	.09
29891 R10/50	.06
29893 R10/50 ₹ JVP 10 50 5 x 11 x 2 * .10 .08 330482 RA10/63 ₹ JVP 10 63 5 x 11 x 2 * .10 .08 330609 RA10/250 ₹ JVP 10 250 10 x 16 x 5 .35 .25 .19 1946287 R22/10TR + 22 10 5 x 11 x 5 * .04 .03 1946295 R22/16TR + 22 16 5 x 12 x 5 * .05 .035 1946308 R22/25TR + 22 25 5 x 11 x 5 * .06 .04 1946316 R22/50TR + 22 50 5 x 12 x 5 * .06 .04 93739 R22/50 ₹ JVP 22 50 5 x 11 x 2 * .08 .06 93747 R33/50 ₹ JVP 33 50 6.3 x 11 x 2.5 * .11 .09	.07
330482 RA10/63 ₹ JVP 10 63 5 x 11 x 2 * .10 .08 330609 RA10/250 ₹ JVP 10 250 10 x 16 x 5 .35 .25 .19 1946287 R22/10TR + 22 10 5 x 11 x 5 * .04 .03 1946295 R22/16TR + 22 16 5 x 12 x 5 * .05 .035 1946308 R22/25TR + 22 25 5 x 11 x 5 * .06 .04 1946316 R22/50TR + 22 50 5 x 12 x 5 * .06 .04 93739 R22/50 ₹ JVP 22 50 5 x 11 x 2 * .08 .06 93747 R33/50 ₹ JVP 33 50 6.3 x 11 x 2.5 * .11 .09	.04
330609 RA10/250 ₹ JVP 10 250 10 x 16 x 5 .35 .25 .19 1946287 R22/10TR + 22 10 5 x 11 x 5 * .04 .03 1946295 R22/16TR + 22 16 5 x 12 x 5 * .05 .035 1946308 R22/25TR + 22 25 5 x 11 x 5 * .06 .04 1946316 R22/50TR + 22 50 5 x 12 x 5 * .06 .04 93739 R22/50 ₹ JVP 22 50 5 x 11 x 2 * .08 .06 93747 R33/50 ₹ JVP 33 50 6.3 x 11 x 2.5 * .11 .09	.06
1946287 R22/10TR → 22 10 5 x 11 x 5 * .04 .03 1946295 R22/16TR → 22 16 5 x 12 x 5 * .05 .035 1946308 R22/25TR → 22 25 5 x 11 x 5 * .06 .04 1946316 R22/50TR → 22 50 5 x 12 x 5 * .06 .04 93739 R22/50 ₹ JVP 22 50 5 x 11 x 2 * .08 .06 93747 R33/50 ₹ JVP 33 50 6.3 x 11 x 2.5 * .11 .09	.06
1946287 R22/10TR → 22 10 5 x 11 x 5 * .04 .03 1946295 R22/16TR → 22 16 5 x 12 x 5 * .05 .035 1946308 R22/25TR → 22 25 5 x 11 x 5 * .06 .04 1946316 R22/50TR → 22 50 5 x 12 x 5 * .06 .04 93739 R22/50 ₹ JVP 22 50 5 x 11 x 2 * .08 .06 93747 R33/50 ₹ JVP 33 50 6.3 x 11 x 2.5 * .11 .09	.15
1946308 R22/25TR ★ 22 25 5 x 11 x 5 * .06 .04 1946316 R22/50TR ★ 22 50 5 x 12 x 5 * .06 .04 93739 R22/50 ₹ JVP 22 50 5 x 11 x 2 * .08 .06 93747 R33/50 ₹ JVP 33 50 6.3 x 11 x 2.5 * .11 .09	.02
1946308 R22/25TR → 22 25 5 x 11 x 5 * .06 .04 1946316 R22/50TR → 22 50 5 x 12 x 5 * .06 .04 93739 R22/50 ₹ JVP 22 50 5 x 11 x 2 * .08 .06 93747 R33/50 ₹ JVP 33 50 6.3 x 11 x 2.5 * .11 .09	.025
1946316 R22/50TR ♦ 22 50 5 x 12 x 5 * .06 .04 93739 R22/50 ₹ JVP 22 50 5 x 11 x 2 * .08 .06 93747 R33/50 ₹ JVP 33 50 6.3 x 11 x 2.5 * .11 .09	.03
93739 R22/50 ₹ JVP 22 50 5 x 11 x 2 * .08 .06 93747 R33/50 ₹ JVP 33 50 6.3 x 11 x 2.5 * .11 .09	.03
93747 R33/50 R JVP 33 50 6.3 x 11 x 2.5 * .11 .09	.05
	.07
	.02
198863 R47J/16 ₹ JVP 1 47 1 16 6.3 x 11 x 2.5 * .10 .08	.06
1946252 R47/35TR + 47 1 35 6 x 12 x 5 * .05 .035	.025
198952 R47J/35 ₹ JVP 47 35 5 x 11 x 2 * .10 .08	.06
31114 R47/50	.04
31116 R47/50 R JVP 47 50 6.3 x 11 x 2.5 * .11 .09	.07
330562 RA47/160S ₹ 3 JVP	.15
330617 RA47/250 ₹ JVP 47 250 13 x 25 x 5 .55 .45 .35	.29
330676 RA47/450 ₹ JVP 47 450 18 x 30 x 7.5 1.09 .89 .75	.59
1946261 R68/16TR	.025
94431 7R100/16 ⊕ JVP 100 16 6 x 7 x 2.5 * .08 .06	.05
330422 RA100/16 ₹ JVP 100 16 5 x 11 x 2 * .09 .07	.055
94289 5R100/16 ⊕ JVP 100 16 6.5 x 5 x 2.5 * .15 .12	.09
93761 R100/25	.05
198970 R100J/35 ₹ JVP 100 125 0 X11 x 2.5	.06
29962 R100/50	.06
29964 R100/50 ₹ JVP 100 150 8 x 11.5 x 3.5 * .10 .00	.08
330529 RA100/100 ₹ JVP! 100 ! 100 10 x 17 x 5 .35 .25 .19	.15
**Non-polarized	.10

	Cross		Value		Size (mm)*		Pric	ing	
Part No.	Ref. No.†	•Mfr.		Volt	DxHxL.S.	1	10	100	500
330580	RA100/160S 🕿	JVP	100	160	16 x 25 x 7.5	\$.65	\$.49	\$.39	\$.29
330625	RA100/250 🕿	JVP	100	250	16 x 31.5 x 7.5	1.09	.85	.65	.49
330684	RA100/450 🕿	JVP	100	450	22 x 42.5 x 10.5	2.49	2.25	1.95	1.69
135124	7R220/10 ⊕	JVP		10	6 x 7 x 2.5	*	.10	.08	.06
198872	R220J/16 ₹	JVP	220	16	6.3 x 11 x 2.5	*	.11	.09	.07
30496	R220/25	+	220	25	8 x 11 x 3.5	*	.10	.08	.06
30498	R220/25 🕿	JVP	220	25	8.5 x 11 x 3.5	*	.13	.10	.08
93772	R220/35 🕿	JVP	220	35	8 x 12 x 3.5	*	.15	.12	.09
93778	R220/50	+	220	50	10 x 12 x 5	*	.17	.14	.11
93780	R220/50 🗷	JVP	220	50	10 x 16 x 5	.25	.19	.15	.12
609115	UVR2C221MHD 🕿	JVP	220	160	16 x 30 x 7.5	1.09	.85	.65	.49
198978	R330J/35 🕿	JVP	330	35	10 x 12.5 x 5	.25	.19	.15	.12
330473	RA330/50 🕿	JVP	330	50	10 x 16 x 5	.29	.22	.19	.14
1946279	R470/10TR	+	470	10	6 x 11 x 5	*	.06	.05	.04
93809	R470/16	+	470	16	8 x 11 x 3.5	*	.13	.10	.08
93811	R470/16 🕿	JVP	470	16	8 x 11.5 x 3.5	.29	.22	.17	.14
31181	R470/25	+	470	25	10 x 12 x 5	.25	.19	.15	.12
31183	R470/25 🕿	JVP	470	1 1 25	10 x 12 x 3.5	.35	.25	.19	.15
93817	R470/35	+	470	35	10 x 16 x 5	.29	.22	.17	.14
93819	R470/35 🕿	JVP	470	35	10 x 16 x 5	.39	.32	.25	.19
93825	R470/50	+	1 1 470	50	12 x 20 x 5	.35	.25	.19	.15
93827	R470/50 🕿	JVP	470	50	10 x 20 x 5	.39	.32	.25	.19
158465	R470B63 ⊕	JVP	470	63	13 x 20 x 5	.69	.55	.45	.35
199102	R470J/100 🕿	JVP	470	100	16 x 25 x 7.5	1.15	.89	.69	.55
330456	RA680/25S	JVP	680	25	8 x 16 x 3.5	1.09	.85	.65	.49
1945436	R1000/6.3	+	1000	6.3	10 x 13 x 5	*	.09	.07	.05
30015	R1000/16	+	1000	16	10 x 16 x 5	.25	.19	.15	.12
30017	R1000/16 🗷	JVP	1000	16	10 x 16 x 5	.35	.25	.19	.15
93833	R1000/25	+	1000	25	10 x 20 x 5	.35	.25	.19	.15
93835	R1000/25 🕿	JVP	1000	25	10 x 20 x 5	.39	.32	.25	.19
93841	R1000/50	+	1000	50	6.5 x 11.3 x 2.2	.65	.49	.39	.32
93843	R1000/50 🕿	JVP	1000	50	13 x 25 x 5	.75	.59	.49	.39
199111	R1000J/100 🗷	JVP	1000	100	18 x 41 x 7.5	1.75	1.49	1.25	.99
30533	R2200/25	+	2200	25	12 x 25 x 5.0	.65	.49	.39	.29
30535	R2200/25 🕿	JVP	2200	25	13 x 21 x 5	.69	.55	.45	.35
198986	R2200J/35 🕿	JVP	2200	35	16 x 25 x 7.5	.85	.69	.55	.45
608956	UVR1H222MHD≈	JVP	2200	50	16 x 30 x 7.5	1.15	.89	.69	.55
198898	R3300J/16 🕿	JVP	3300	16	13 x 21 x 5	.65	.49	.39	.29
30893	R3300/25 🕿	JVP	3300	25	13 x 29 x 5	.85	.69	.55	.45
198994	R3300J/35 🕿	JVP	3300	35	16 x 30 x 7.5	1.09	.89	.75	.59
198901	R4700J/16 🕿	JVP	4700	16	16 x 25 x 7.5	.85	.69	.55	.45
93850	R4700/25	+	4700	25	16 x 31 x 7.5	.85	.69	.55	.45
93852	R4700/25 🕿	JVP	4700	25	16 x 31.5 x 7.5	1.15	.89	.69	.55
199006	R4700J/35 🕿	JVP	4700	35	18 x 35 x 7.5	1.35	1.15	.99	.85
163301	R4700/50	+	4700	50	22 x 42 x 10	1.65	1.39	1.19	1.05
163302	R4700/50	JVP	4700	50	22 x 41 x 10	1.85	1.59	1.39	1.19
198935	R6800J/25 🕿	JVP	6800	25	18 x 35.5 x 7.5	1.25	1.05	.85	.65
608948	UVR1C103MHD ₹	JVP	10000	16	18 x 35 x 7.5	1.29	1.09	.95	.79

Note: Above case sizes may have ± tolerances

*Capacitor dimensions and styles may vary on items with various manufacturers

We're Listening to What You Need

Our goal is to provide you with more of what you want. Let us know how we can better serve your electronic needs. Send feedback to Feedback@Jameco.com.

¶ JVP = Jameco ValuePro |

↑ Manufacturer Varies

ROHS compliant product 🕀 This product is available in both ROHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166

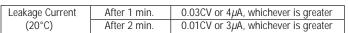


^{**}Non-polarized



Electrolytic & Memory Back-Up Capacitors

Aluminum Radial-Lead Electrolytic Capacitors (±20%) 105°C





† CROSS REFERENCES: Nichicon: LB/VX/USA/SR/SA/UPW/UVZ/UHE; Elna: RC2/RE2; IC: RAR/RSS; Marcon: SEM/SSM; Rubycon: MS7/TWSS; Sprague: 501D/513D; UCC: SME/SRE/SRA/SRG; Panasonic: KA/KS/SU

105°C – HT Type General Purpose

* Orde	er in mi	ultiples	of 10
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						*	Order in	n multipl	es of 10
	Cross		Value		Size (mm)*		Pric		
Part No.	Ref. No.†	*Mfr.	''		DxHxL.S.	1	10	100	500
609545	UVZ1H0R1MDD ₹	JVP		50	5 x 11 x 2	*	\$.11	\$.08	\$.06
330772	RB1/50 🕿	JVP	1	50	5 x 11 x 2	*	.07	.05	.036
158491	R1B100 🕿	JVP		100	5 x 11 x 2	*	.12	.09	.07
609959	UVZ2E010MED 🕿	JVP	1	250	8 x 11 x 3.5	*	.17	.12	.09
609561	UVZ1H2R2MDD ₹	JVP	2.2	50	5 x 11.5 x 2	*	.09	.06	.045
330781	RB4.7/50 🕿	JVP	4.7	50	5 x 11 x 2	*	.07	.05	.04
330692	RB10/16 🕿	JVP	10	16	5 x 11 x 2	*	.11	.08	.06
330799	RB10/50	+	10	50	5 x 11 x 2	*	.07	.05	.037
607849	UPW1H100MDD ₹	JVP	10	50	5 x 11 x 2	*	.12	.09	.07
609641	UVZ1J100MDD 🕿	JVP	10	63	5 x 11 x 2	*	.11	.08	.06
610036	UVZ2W100MHD 🕿	JVP	10	450	13 x 21 x 5	.65	.49	.39	.32
158327	R22B35 ₹	JVP	22	35	5 x 11 x 2	*	.09	.06	.045
609828	UVZ2C220MPD ₹	JVP	22	160	10 x 15 x 5	.32	.25	.19	.15
609975	UVZ2E220MHD ₹	JVP	22	250	13 x 20 x 5	.39	.32	.25	.19
607929	UPW1H270MHD ₹	JVP	27	50	5 x 11 x 2	*	.12	.09	.07
609502	UVZ1C470MDD 🕿	JVP	47	16	5 x 11 x 2	*	.10	.07	.05
1945428	R47/35	+	47	35	6.3 x 11 x 2	*	.10	.07	.05
330820	RB47/50 🕿	JVP	47	50	6.3 x 11 x 2.5	*	.11	.08	.06
608139	UPW1J470MPD ₹	JVP	47	63	8 x 11.5 x 3.5	.25	.19	.15	.12
609879	UVZ2C470MHD ₹	JVP	47	160	13 x 21 x 5	.45	.35	.29	.22
610010	UVZ2E470MHD ₹	JVP	47	250	13 x 25 x 5	.65	.49	.39	.32
606862	UHE1H560MED ₹	JVP	56	50	8.0 x 11 x 3.5	*	.15	.11	.08
1946228	RB100/10	+	100	10	5 x 11 x 3.5	*	.09	.06	.045
330740	RB100/25 🕿	JVP	100	25	6.3 x 11 x 2.5	*	.11	.08	.06
158394	R100B50 🕿	JVP	100	50	8 x 11.5 x 3.5	*	.15	.11	.08
608024	UPW1J101MPD6 ₹	JVP	100	63	12 x 12.5 x 5.5	*	.12	.09	_
330828	RB100/63 🕿	JVP	100	63	10 x 13 x 5	.25	.19	.15	.12
609748	UVZ2A101MPD 🕿	JVP	100	100	10 x 20 x 5	.39	.32	.25	.19
609916	UVZ2D101MHD ₹	JVP	100	200	16 x 25 x 7.5	1.09	.85	.65	.49
609967	UVZ2E101MHD ≈	JVP	100	250	16 x 31 x 7.5	1.35	1.09	.85	.65
1946236	RB180/10	+	180	10	6.5 x 11 x 2.5	*	.12	.09	.07
606555	UHE1A221MED ₹	JVP			6.3 x 11 x 2.5	*	.12	.09	.07
158263	R220B25 🕿	JVP	220	25	8 x 11 x 3.5	*	.15	.11	.08
158406	R220B50 ⊕	JVP	220	50	10 x 17 x 5	.35	.25	.19	.15
606820	UHE1H221MPD ₹	JVP	220	50	10 x 16 x 5	.35	.25	.19	.15
609668	UVZ1J221MPD 🕿	JVP	220	63	10 x 16 x 5	.45	.35	.25	.19

	* Order in multiples Cross Value Size (mm)* Pricing									
Part No.	Cross Ref. No.†	•Mfr.	Value (µF)		Size (mm) * D x H x L.S.	1	Pric	ing 100	500	
			- ' <i>'</i>							
609764	UVZ2A221MHD 🗷	JVP		100	13 x 26 x 5	\$.55	\$.45	\$.35	\$.25	
609721	UVZ1V331MPD 🕿	JVP		35	10 x 16 x 5	.25	.19	.15	.12	
609385	UVZ0J471MED 🗷	JVP		6.3	6 x 11 x 2.5	*	.17	.12	.09	
606678	UHE1C471MPD ₹	JVP	470	16	8 x 14 x 3.5	.25	.19	.15	.12	
158203	R470B16	JVP	470	16	8 x 11 x 3.5	.25	.19	.15	.12	
158289	R470B25 ↔	+	470	25	10 x 16 x 5	.25	.19	.15	.12	
606740	UHE1E471MPD6 ₹	JVP	470	25	10 x 17 x 5	.32	.25	.19	.15	
606854	UHE1H471MPD ₹	JVP	470	50	13 x 20 x 5	.45	.35	.29	.22	
608016	UPW1H561MHD ₹	JVP	560	50	13 x 25 x 5	.75	.59	.45	.35	
606871	UHE1H681MHD ₹	JVP	680	50	13 x 28 x 5	.85	.65	.49	.39	
606432	UHE0J102MPD ₹	JVP	1000	6.3	8 x 14 x 3.5	*	.17	.12	.09	
330722	RB1000/16 🕿	JVP	1000	16	10 x 20 x 5	.35	.29	.22	.17	
158298	R1000B25 🕿	JVP	1000	25	10 x 17 x 5	.45	.35	.29	.22	
158378	R1000B35 🕿	JVP	1000	35	13 x 21 x 5	.55	.45	.35	.25	
609553	UVZ1H102MHD ₹	JVP	1000	50	13 x 25 x 5	.55	.45	.35	.29	
606627	UHE1C122MPD ₹	JVP	1200	16	10 x 24 x 5	.32	.25	.19	.15	
607232	UPW0J152MPD ₹	JVP	1500	6.3	10 x 20 x 5	.39	.32	.25	.19	
607398	UPW1A152MPD6 ₹	JVP	1500	10	10 x 20 x 5	.39	.32	.25	.19	
607873	UPW1H152MHD ₹	JVP	1500	50	16 x 30 x 7.5	1.19	.95	.75	.59	
606467	UHE0J182MHD ₹	JVP	1800	6.3	10 x 20 x 5	.35	.25	.19	.15	
607751	UPW1E182MHD ₹	JVP	1800	25	13 x 25 x 5	.85	.65	.49	.39	
609342	UVZ0J222MPD ₹	JVP	2200	6.3	10 x 20 x 5	.39	.32	.25	.19	
606563	UHE1A222MPD ₹	JVP	2200	10	10 x 24 x 5	.45	.35	.29	.22	
607427	UPW1A222MHD ≈	JVP	2200	10	13 x 20 x 5	.55	.45	.35	.25	
609705	UVZ1V222MHD ₹	JVP	2200	35	16 x 26 x 7.5	.69	.55	.45	.35	
158432	R2200B50 🕿	JVP	2200	50	16 x 30 x 7.5	.99	.79	.65	.55	
608278	UPW1V332MHD ₹	JVP	3300	35	18 x 33 x 7.5	1.35	1.15	.95	.75	
609588	UVZ1H332MHD ₹	JVP	3300	50	18 x 36 x 7.5	1.49	1.25	1.05	.85	
609393	UVZ0J472MHD ≈	JVP	4700	6.3	12.5 x 20 x 5	.55	.45	.35	.29	
607814	UPW1E472MHD ₹	JVP	4700	25	18 x 35 x 7.5	1.25	1.05	.85	.65	
607697	UPW1C822MHD ₹	JVP	8200	16	16 x 33 x 7.5	1.35	1.15	.95	.75	
609473	UVZ1C103MHD ₹		10000		18 x 41 x 7.5	1.39	1.19	.99	.79	
*Capacitor di	mensions and styles	may va	ary on it	ems w	vith various manul	facturers				

Memory Back-Up Capacitors

Applications:

* Web Code: SAB Back-up on CMOS microcomputers, static RAM, DTSs (digital tuning systems)

· Memory back-up of remote controllers

Features:

· Small size vs. capacitance · Voltage: 5.5VDC



142957 227811

Part No.	Cross Ref. No.	Mfr.	Value (F)	Size (mm) L x T x Dia.	1	10	100
142949	MBC.22/5.5	JVP	0.22	11.8 x 6.4 x 12.8	\$3.95	\$3.49	\$2.95
142957	MBC1.0/5.5	+	1.0	N/A x 7.4 x 20.8	4.25	3.75	3.25
227811	S5R5V105	+	1.0	24.2 x 4.8 x 18.0	3.95	3.49	2.95

The Best Warranty in the Industry

All Jameco purchases are guaranteed for a full 90 days and even longer for Jameco House Brands.

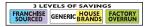
Snap-Mount Large-Can Aluminum Electrolytic Capacitors (±20%)

• Operating temperature range: (SNA) -40°C to +85°C; ★ Web Code: EBG (SNB) -40°C to +105°C · Can-Top safety vent

	Cross		Value		Size (mm)*		Pricing	
Part No.	Ref. No.	®Mfr.	(μF)	Volt	DxHxL.S.	1	10	100
331846	SNA120/450	JVP	120	450	22 x 40 x 8.6	\$2.49	\$2.25	\$1.95
331811	SNA470/250	JVP	470	250	25 x 40 x 8.6	2.49	2.25	1.95
332030	SNB470/250	JVP	470	250	25 x 40 x 8.6	2.49	2.25	_
203263	SNB470/400/5	JVP	470	450	35 x 49 x 9	6.95	5.95	4.95
155889	SN560/200	+	560	200	23 x 41	1.95	1.65	1.39
115378	SNB4700/35	+	4700	35	25 x 40 x 9	2.09	1.69	1.39
115422	SNA4700/50 ⊕	JVP ¦	4700	50	30 x 41 x 9.5	2.25	1.95	1.75
331723	SNA4700/63 ⊕	JVP ¦	4700	63	25 x 40 x 9.1	2.95	2.65	2.35
115431	SN6800/50	+	6800	50	30 x 31 x 10	2.49	2.25	1.95
331901	SNB6800/50 🕿	JVP	6800	50	25.2 x 42.4 x 9	3.95	3.49	2.95
331759	SNA8200/80 🕿	JVP	8200	80	35 x 51 x 9	5.95	5.39	4.85
157738	SNB10000/50₹	JVP	10000	50	35 x 40 x 12	4.25	3.75	3.25
331716	SNA15000/25 2	JVP	15000	25	25 x 41 x 9	3.49	2.95	2.49

*Capacitor dimensions and styles may vary on items with various manufacturers

^k For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



JVP = Jameco ValuePro

[♦] Manufacturer Varies

Electrolytic & Dipped Tantalum Capacitors



JAMECO ValuePro

Aluminum Axial-Lead Electrolytic Capacitors (±20%) 85°C

General purpose 85°C maximum



Operating temperature range	-40°C to +85°C
Leakage Current (After 2 minutes 20°C)	0.02CV or 2μ A, whichever is greater

* Web Code: GAA

	* Orde	r in multi	ples 10
	Pric	ing	
Ī	10	100	500

			Value		Size (mm)*		Pric	ing	
Part No.	Product No.	●Mfr.	(μF)	Voltage	DxH	1	10	100	500
10868	A1/50 🕿	JVP	1	50V	5 x 12	\$.29	\$.22	\$.17	\$.14
10866	A1/50	+	1	50V	5 x 13	*	.17	.14	.11
11076	A4.7/50	+	4.7	50V	6 x 13	*	.17	.14	.11
1946201	A10/16A	+	10	16V	5 x 13	*	.07	.05	.035
1946199	A10/16	+	10	16V	4 x 7	*	.08	.06	.04
10883	A10/50 ⊕	JVP	10	50V	6 x 12	.25	.19	.15	.12
10882	A10/50	+	10	50V	6 x 12	*	.15	.12	.09
331425	AB10/450 🕿	JVP	10	450V	13 x 25	.95	.75	.59	.49
1946210	A22/16	+	22	16V	5 x 11	*	.12	.09	.07
199268	A22J/25 🕿	JVP	22	25V	6 x 12.5	.25	.19	.15	.12
331433	AB22/450 🕿	JVP :	22	450V	16 x 26.5	1.75	1.49	1.25	.99
135319	A47/25	+	47	25V	8 x 16	*	.17	.14	.11
199188	A100J/16 🕿	JVP	100	16V	6 x 12.5	.29	.22	.17	.14
199284	A100J/25 🕿	JVP	100	25V	8 x 15	.32	.25	.19	.15
93551	A100/35	+	100	35V	8 x 16	.29	.22	.17	.14
10911	A100/50	+	100	50V	8 x 20	.29	.22	.17	.14
10913	A100/50 🕿	JVP	100	50V	8 x 16	.32	.25	.19	.15
331380	AB100/100 🕿	JVP	100	100V	10 x 20.5	.89	.69	.55	.45
331417	AB100/250 🕿	JVP	100	250V	16 x 31	2.49	2.25	1.95	1.75
199292	A220J/25 🕿	JVP	220	25V	8 x 16	.39	.32	.25	.19
11019	A220/50 🕿	JVP	220	50V	10 x 17	.49	.39	.32	.27
199217	A470J/16 🕿	JVP	470	16V	8 x 17	.35	.29	.22	.17

			Value		Size (mm)*		Pric	ing	
Part No.	Product No.	●Mfr.	(μF)	Voltage	DxH	1	10	100	500
199381	A470J/35 🕿	JVP	470	35V	10 x 21	\$.39	\$.32	\$.25	\$.19
11123	A470/50 🕿	JVP	470	50V	13 x 22	.75	.59	.49	.39
93633	A1000/16 🕿	JVP	1000	16V	10 x 21	.65	.49	.39	.32
10954	A1000/25	+	1000	25V	13 x 31	.65	.49	.39	.32
10956	A1000/25 🕿	JVP	1000	25V	10 x 20	.75	.59	.49	.39
93649	A1000/35	+	1000	35V	13 x 26	.75	.59	.49	.39
93651	A1000/35 🕿	JVP	1000	35V	13 x 22	.85	.69	.59	.49
147256	A1000/50	+	1000	50V	16 x 31	.75	.59	.49	.39
11033	A2200/16	+	2200	16V	16 x 40	.85	.69	.59	.49
199322	A2200J/25 🕿	JVP	2200	25V	16 x 26	.85	.69	.59	.49
93658	A2200/35 🕿	JVP	2200	35V	16 x 30	1.25	.99	.79	.65
199479	A2200J/50 🕿	JVP	2200	50V	18 x 33	1.95	1.75	1.49	1.25
93666	A3300/25	JVP	3300	25V	16 x 30	.95	.75	.65	.55
199487	A3300J/50 🗷	JVP	3300	50V	22 x 43	2.49	2.25	1.95	1.75
199232	A4700J/16 ⊕	JVP	4700	16V	16 x 26.5	1.75	1.49	1.25	.99
93673	A4700/25	JVP	4700	25V	22 x 39	1.35	1.15	.95	.75
93675	A4700/25 🕿	JVP	4700	25V	16 x 30	1.49	1.25	.99	.85
199402	A4700J/35 🕿	JVP	4700	35V	18 x 40	1.95	1.75	1.49	1.25
158811	A4700A50 🕿	JVP	4700	50V	22 x 43	2.49	2.25	1.95	1.75
93681	A10000/16	+	10000	16V	22 x 51	1.95	1.75	1.49	1.25
93683	A10000/16 🕿	JVP	10000	16V	16 x 40	2.25	1.95	1.75	1.49

^{*}Capacitor dimensions and styles may vary on items with various manufacturers

Resin Dipped Solid Tantalum Capacitors (±10%)

- Exceptional temperature stability
 - Rated voltage DC: ≤ +85°C
- Operating temperature range: -55°C to +85°C (+125°C with derating) Designed for entertainment and commercial equipment
- Flame retardant coating
- Moisture-resistant
- Low leakage current

*Web Code: VAE



			Value	Volt	Size (mm)*		Pric	ing					Value	Volt	Size (mm)*		Pric	ing	
Part No.	Product No.	•Mfr.	(μF)	(V)	DxHxL.S.	1	10	100	500	Part No.	Product No.	Mfr.	(μF)	(V)	DxHxL.S.	1	10	100	1000
33486	TM.1/35	+	.10	35	4.5 x 7.0 x 5.2	\$.32	\$.25	\$.19	\$.15	546089	TAP475K035SCS₹	JVP	4.7	35	4.7 x 7.5 x 2.5	\$.59	\$.49	\$.39	\$.32
33488	TM.1 ₹		.10		4.5 x 7.0 x 2.5	.39	.32	.25	.19	546185	TAP685K025SCS₹	JVP	6.8	25	4.7 x 7.5 x 2.5	.49	.39	.32	.25
545561	TAP104K035SCS₹	JVP	.10	35	4.0 x 6.0 x 2.5	.39	.32	.25	.19	545617	TAP106K006SCS₹	1.	10		4.3 x 7.0 x 2.5	.45	.35	.29	.22
332111	TDR0.1/50 ₹	JVP	.10	50	4.5 x 7.0 x 2.5	.39	.32	.25	_	545625	TAP106K010SCS₹		10		4.7 x 7.5 x 2.5	.49	.39	.32	.25
545570	TAP104K050SCS₹				4.0 x 6.0 x 2.5	.45	.35	.29	.22	94060	TM10/16		10		4.6 x 7.5 x 3.2	.49	.39	.32	.25
33507	TM.22/35	+	.22	35	4.5 x 7.0 x 5.0	.32	.25	.19	.15	94062	TM10/16 ≈	JVP	10	16	5.0 x 8.0 x 2.5	.55	.45	.35	.29
33523	TM.33/35	+	.33	35	4.5 x 7.0 x 2.5	.32	.25	.19	.15	545633	TAP106K020SCS₹	JVP	10	20	5.4 x 8.0 x 2.5	.55	.45	.35	.29
33525	TM.33 ₹	JVP	.33	35	4.5 x 7.0 x 2.5	.39	.32	.25	.19	94078	TM10/25		10		5.5 x 9.5 x 2.8	.55	.45	.35	.29
33531	TM.47/35		.47		4.5 x 7.0 x 2.7	.32	.25	.19	.15	545641	TAP106K025SCS₹		10		5.4 x 8.0 x 2.5	.59	.49	.39	.32
33533	TM.47 ≈	JVP	.47	35	4.5 x 7.0 x 2.5	.39	.32	.25	.19	94080	TM10/25 ₹	JVP	10	25	5.5 x 9.5 x 2.5	.59	.49	.39	.32
61102	TM.68 ⊕	JVP	.68	35	4.5 x 7.0 x 2.5	.29	.22	.17	.14	33689	TM10/35		10		6.5 x 11.0 x 4.7	.99	.79	.65	.49
154860	TM1/25	+	1	25	4.5 x 7.0 x 4.7	.32	.25	.19	.15	545650	TAP106K035SCS₹	JVP	10	35	5.4 x 8.0 x 2.5	1.15	.95	.79	.65
545588	TAP105K025SCS₹	JVP	1	25	4.3 x 7.0 x 2.5	.39	.32	.25	.19	33691	TM10 ₹		10		5.5 x 11.0 x 2.5	1.15	.95	.79	.65
154862	TM1/25 ≈	JVP	1	25	4.5 x 7.0 x 2.5	.39	.32	.25	.19	332161	TDR10/50		10		8.5 x 13.0 x 2.5	2.49	2.25	1.95	1.75
33662	TM1/35	+		35	4.5 x 7.0 x 2.7	.35	.29	.22	.17	545748	TAP156K020SCS		15		5.4 x 8.0 x 2.5	.55	.45	.35	.29
545596	TAP105K035SCS₹	JVP		35	4.3 x 7.0 x 2.5	.39	.32	.25	.19	33719	TM15/25		15		4.5 x 8.0 x 2.5	.79	.65	.49	.39
33664	TM1 ₹	JVP	1	35	4.5 x 7.0 x 2.5	.39	.32	.25	.19	597468	TAP156K035SCS₹				5.5 x 9.5 x 4.7	1.49	1.35	1.19	.99
545609	TAP105K050SCS₹	JVP	1	50	4.7 x 7.5 x 2.5	.55	.45	.35	.29	33751	TM23/6.3 ⊕	+	22	6.3	4.7 x 7.5 x 2.5	.55	.45	.35	.29
94001	TM2.2/16	+	2.2	16	4.5 x 7.0 x 4.7	.32	.25	.19	.15	94094	TM22/16	+	22	16	5.5 x 9.5 x 4.1	.55	.45	.35	.29
94003	TM2.2/16 ₹		2.2		4.5 x 7.0 x 2.5	.39	.32	.25	.19	545852	TAP226K016SCS₹	JVP	22		5.4 x 8.0 x 2.5	.69	.55	.45	.35
33736	TM2.2/35₹		2.2		5.0 x 8.0 x 2.5	.35	.29	.22	.17	94095	TM22/16	JVP		16	5.5 x 9.5 x 2.5	.69	.55	.45	.35
545810	TAP225K035SCS₹	JVP	2.2	35	4.3 x 7.0 x 2.5	.45	.35	.29	.22	545861	TAP226K020SCS	JVP	22	20	6.0 X 9.4 X 2.5	.69	.55	.45	_
545941	TAP335K025SCS₹				4.3 x 7.0 x 2.5	.35	.29	.22	.17	94107	TM22/25		22		8.5 x 13.0 x 3.2	1.59	1.35	1.09	.89
33873	TM6.8/35		3.3		6.5 x 9.0 x 4.7	.45	.35	.29	.22	545879	TAP226K025SCS₹	JVP	22	25	6.0 x 9.4 x 2.5	1.75	1.49	1.25	.99
33769	TM3.3/35	+	3.3	35	5.0 x 8.0 x 3.1	.35	.29	.22	.17	545887	TAP226K035SCS₹	JVP	22	35	7.0 x 11.0 x 2.5	1.95	1.75	1.49	1.29
94035	TM4.7/16		4.7		5.0 x 8.0 x 2.5	.35	.29	.22	.17	545991	TAP336K016SCS₹		33		6.0 x 9.4 x 2.5	1.35	1.15	.95	.75
94043	TM4.7/25		4.7		5.0 x 8.0 x 4.7	.45	.35	.29	.22	33785	TM33/25		33		8.5 x 13.0 x 4.7	1.75	1.49	1.25	.99
546071	TAP475K025SCS₹				4.3 x 7.0 x 2.5	.55	.45	.35	.29	546100	TAP476K010SCS₹		47	-	6.0 x 9.4 x 2.5	1.25	.99	.79	.65
33806	TM4.7/35	+	4.7	35	5.5 x 9.5 x 2.5	.49	.39	.32	.25	94123	TM47/16	+	47	16	5.2 x 8.2 x 2.5	1.49	1.25	.99	.79

Note: Above case sizes may have ± tolerances

*Capacitor dimensions and styles may vary

■ JVP = Jameco ValuePro |

Manufacturer Varies

ROHS compliant product 🕀 This product is available in both ROHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.



Continued on next page

L.S



Product No.

TM47/16**2**

TDR68/25 8

TM100/35

TAP476K016SCS

TAP686K006SCS₹

TAP686K016SCS₹

Operating temp. range: +10°C to +85°C

Dipped Tantalum & Ceramic Capacitors

Resin Dipped Solid Tantalum Capacitors (±10%) (Continued)

• Operating temperature range: -55°C to +85°C (+125°C with derating)

Value Volt

16

(μF) ! (V)

47

68 6.3

68

JVP I 47 I 16

JVP i

JVP 68

IVP

Size (mm)*

DxHxL.S.

6.5 x 11.0 x 2.5

6.0 x 9.4 x 2.5

5.0 x 8.2 x 2.5

16 7.0 x 11.0 x 2.5

25 9.5 x 16.5 x 2.5

· Moisture-resistant Rated voltage DC: ≤ +85°C

 Exceptional temperature stability Designed for entertainment and commercial equipment Pricing

\$.99

1.49

.69

1.75

2.49

1.75

.79

1.95

2.95

\$.79

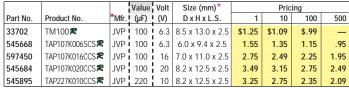
1.25

.59

1.49

2.15





100 6.3 8.5 x 13.0 x 4.7 1.35 1.15 .95 .79 Note: Above case sizes may have ± tolerances

Capacitor dimensions and styles may vary

* Web Code: VAE

94125

546118

546206

546222

332100

33700

Ceramic Disc Capacitors (±5, ±10 or ±20%)

25, 50, 500 and 1000 Volt, Z5U Temperature Coefficient

• Dielectric withstanding voltage: 2.5 times rated volt. for not < 1 sec.

\$.65

99

.49

1.25

1.85

*Web Code: HBW



* Order in multiples of 10

 Cap. ch 	ange over ten	np. ra	nge: +2	2 to -5		* Order in multiples of 10					
				Volt		Size			Pricing		
Part No.	Product No.	●Mfr.	Value	(V)	Tol.	Dia.	1	10	100	1000	5000
332291	CD3.3/1000	JVP	3.3pF	1000	20	5mm	\$.29	\$.22	\$.17	\$.14	\$.11
15333	DC10	+	10pF	50	20	5mm	*	.06	.04	.032	.025
15335	DC10 ₹	JVP	10pF	50	20	5mm	*	.06	.04	.032	.025
332312	CD10/1000	JVP	10pF	1000	20	6mm	.29	.22	.17	.14	.11
332322	CD20/1000 ₹	JVP	20pF	1000	20	5mm	.29	.22	.17	.14	.11
15405	DC22	+	22pF	50	20	6mm	*	.06	.04	.032	.025
15407	DC22 🕿	JVP	22pF	50	20	6mm	*	.07	.045	.035	.028
332217	CD33/50 🕿	JVP	33pF	50	20	5mm	*	.08	.06	.045	.035
1947010	DC33TR	+	33pF	100	10	5mm	*	.06	.04	.025	.01
1947028	DC33ATR	+	33pF	500	5	5mm	*	.07	.045	.035	.025
15512	DC47 🕿	JVP	47pF	50	20	5mm	*	.08	.06	.045	.039
1947036	DC47TR	+	47pF	500	5	6mm	*	.08	.06	.04	.03
332347	CD47/1000	JVP	47pF	1000	20	5mm	.29	.22	.17	.14	.11
15341	DC100	+	100pF	50	20	5mm	*	.06	.04	.032	.025
15343	DC100 ₹	JVP	100pF	50	20	5mm	*	.08	.06	.045	.039
1947044	DC100TR	+	100pF	100	10	8mm	*	.06	.04	.025	.015
332363	CD120/1000	JVP	120pF	1000	20	5mm	*	.17	.14	.11	.09
1947052	DC150TR	+	150pF	100	10	8mm	*	.06	.04	.025	.015
1947087	DC150ATR	+	150pF	100	5	4mm	*	.06	.04	.025	.015
332371	CD150/1000	JVP	150pF	1000	20	5mm	.29	.22	.17	.14	.11
15413	DC220	+	220pF	50	20	5mm	*	.06	.04	.025	.015
1947132	DC220TR	+	220pF	50	5	8mm	*	.06	.04	.025	.015
1947159	DC220ATR	+	220pF	100	5	7mm	*	.06	.04	.025	.015
1947239	DC220BTR	+	220pF	500	10	10mm	*	.06	.04	.025	.015
332380	CD220/1000	JVP	220pF	1000	20	5mm	.29	.22	.17	.14	.11
1947301	DC330TR	+	330pF	100	20	5mm	*	.06	.04	.025	.015
1947378	DC330ATR	+	330pF	500	20	5mm	*	.07	.045	.03	.02
15528	DC470	+	470pF	50	20	5mm	*	.07	.045	.035	.025
1947319	DC470TR	+	470pF	100	20	5mm	*	.06	.04	.025	.015

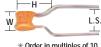
				Volt		Size		F	ricing		
Part No.	Product No.	®Mfr.	Value	(V)	Tol.	Dia.	1	10	100	1000	5000
332420	CD560/1000 ₹	JVP	560pF	1000	20	6mm	\$.29	\$.22	\$.17	\$.14	\$.03
15190	DC.001	+	.001µF	50	20	6mm	*	.06	.04	.03	.02
15192	DC.001 🕿	JVP	.001µF	50	20	6mm	*	.07	.045	.035	.025
1947343	DC.001TR	+	.001µF	100	20	4mm	*	.06	.04	.025	.015
1947394	DC.001ATR	+	.001µF	500	20	4mm	*	.07	.045	.03	.018
1947415	DC.001BTR	+	.001µF	500	10	7mm	*	.07	.045	.03	.018
332436	CD1000/1000 🕿	JVP	.001µF	1000	20	5mm	.32	.25	.19	.15	.12
1947327	DC.0022TR	+	.0022µF	25	20	4mm	*	.06	.04	.025	.015
1947386	DC.0022ATR	+	.0022µF	500	20	7mm	*	.07	.045	.035	.02
332443	CD2200/1000	JVP	.0022µF	1000	20	6mm	.32	.25	.19	.15	.10
1947407	DC.0033	+	.0033µF	500	20	9mm	*	.07	.045	.035	.02
15211	DC.0047	+	.0047µF	50	20	6mm	*	.07	.045	.035	.025
1947335	DC.0047TR	+	.0047µF	100	20	5mm	*	.06	.04	.025	.015
15229	DC.01	+	.01µF	50	20	6mm	*	.06	.04	.032	.025
15231	DC.01 🕿	JVP	.01µF	50	20	6mm	*	.07	.045	.035	.03
97375	DC.01/1K20	+	.01µF	1000	20	12mm	.29	.22	.17	.14	.11
97377	DC.01/1K20 ₹	JVP	.01µF	1000	20	12mm	.35	.29	.22	.17	.14
332487	CD20000/1000 🕿	JVP	.02µF	1000	20	16mm	.55	.45	.35	.29	.22
15245	DC.022	+	.022µF	50	20	8mm	*	.08	.06	.045	.039
15247	DC.022 🕿	JVP	.022µF	50	20	8mm	*	.07	.055	.04	_
1947351	DC.047B	+	.047µF	25	20	7mm	*	.06	.04	.02	.015
15253	DC.047	+	.047µF	50	20	8mm	*	.09	.07	.045	.035
15255	DC.047 🕿	JVP	.047µF	50	20	8mm	*	.10	.08	.06	.05
332507	CD50000/1000	JVP	.05µF	1000	20	16mm	.99	.79	.65	.49	.39
151116	DC.1/25	+		25	20	6mm	*	.11	.08	.06	.05
151118	DC.1/25 🕿	JVP	.1µF	25	20	6mm	*	.12	.09	.07	.055
15270	DC.1	+	.1µF	50	20	8mm	.25	.19	.15	.12	.09
15272	DC.1 🕿	JVP	.1µF	50	20	8mm	.32	.25	.19	.15	.12
332516	CD100000/1000 🕿	JVP:	.1µF	1000	20	21mm	1.49	1.25	1.09	.95	.79

- Data processing
- · Communications engineering

CD470/1000

Operating temp. range: -10°C to +85°C

JVP 470pF 1000



.11

* Order in multiples of 10
Driging

NPO (COG) Series ($\pm 5\%$) * Order in multiple										s of 10	
				Volt.	Size (mm)*			Pricing			
Part No.	Product No.	®Mfr.	Value	(V)	WxTxH	1	10	100	1000	5000	
332523	COG10/100	JVP	10pF	100	4.0 x 2.0 x 3.2	*	\$.13	\$.09	\$.065	\$.05	
332541	COG22/100 🕿	JVP	22pF	100	3.6 x 2.3 x 3.6	*	.13	.09	.065	.05	
2080358	RD15CG-240J	+	24pF	50	4.0 x 2.0 x 3.6	*	.13	.09	.065	.05	
2080331	RD15CG-270J	PDC	27pF	50	4.0 x 2.0 x 3.6	*	.19	.15	.09	.07	
332559	COG33/100 🕿	JVP	33pF	100	3.6 x 2.3 x 3.6	*	.15	.11	.075	.06	
2080323	RD15CG-390M†	PDC	39pF	50	4.0 x 2.0 x 3.6	*	.13	.09	.065	.05	
332567	COG47/100 🕿	JVP	47pF	100	3.8 x 2.0 x 3.3	*	.15	.11	.075	.06	
332574	COG68/100	JVP	68pF	100	3.6 x 1.5 x 3.6	*	.17	.13	.085	.07	
1566882	COG220/100 🕿	+	220pF	100	3.6 x 2.3 x 3.6	*	.13	.08	.05	.03	
2080340	RD15CG-331J	PDC	330pF	50	4.0 x 2.0 x 3.6	*	.17	.13	.085	.07	
† ±20%	† ±20% Note: Above case sizes may have ± tolerances *Capacitor dimensions and styles may vary										

20

X7R Series (±10%)

Monolithic Radial Ceramic Capacitors

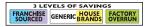
TR behind Product Number are Tape and Reel

				Volt.	Size (mm) ^	Pricing				
Part No.	Product No.	®Mfr.	Value	(V)	WxTxHxL.S.	1	10	100	1000	5000
332583	MOC100/100 ₹	JVP	100pF	100	5.0x5.0x3.0x2.5	*	\$.14	\$.11	\$.08	\$.06
332612	MOC470/100 ₹	JVP	470pF	100	5.0x5.0x3.0x2.5	*	.15	.12	.09	.07
544825	SR151C102KAA	JVP	1000pF	100	3.8x2.5x3.8x5.1	*	.09	.07	.055	.045
544833	SR151C103KAA	JVP	.01µF	100	3.8x2.5x3.8x2.5	*	.10	.07	.05	.035
597281	SR211C103KAA	JVP	.01µF	100	3.8x2.5x3.8x5.1	*	.11	.08	.06	.05
332647	MOC10000/100 ₹	JVP	.01µF	100	5.0x5.0x3.0x2.5	*	.12	.09	.07	.06
332655	MOC22000/100 ₹	JVP	.022µF	100	5.0x5.0x3.0x2.5	*	.12	.09	.07	_
544892	SR211C223KAA 🕿	JVP	.022µF	100	3.8x2.5x3.8x5.1	*	.14	.10	.075	.065
544905	SR211C333KAA 🕿	JVP	.033µF	100	3.8x2.5x3.8x5.1	.25	.19	.15	.12	.09
544913	SR211C473KAA	JVP	.047µF	100	3.8x2.5x3.8x5.1	.29	.22	.17	.14	.11
544921	SR215C104KAA	JVP	.1μF	50	3.8x2.5x3.8x5.1	*	.14	.11	.08	.065
544884	SR211C104KAA	JVP	.1µF	100	3.8x2.5x3.8x5.1	*	.15	.12	.09	.08
332672	MOC100000/100 🕿	JVP	.1µF	100	5.0x5.0x3.0x2.5	*	.15	.12	.09	.08
544948	SR305C474KAA	JVP	.47µF	50	3.8x2.5x3.8x5.1	.45	.35	.29	.22	.17
			_							

*Capacitor dimensions and styles may vary ■ JVP = Jameco ValuePro | PDC = Prosperity Dielectric Co. |

→ Manufacturer Varies

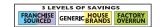
* For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



*Web Code: JBW

* Order in multiples of 10

Ceramic, Metallized, Silver Mica Capacitors



JAMECO ValuePro

Monolithic Radial Ceramic Capacitors (Continued)

* Web Code: JBW * Order in multiples of 10

 Data processing
 Communications engineering
 Op temp. range: -10°C to +85°C
 Z5U Series (±20%) (continued) 7511 Sorios (+20%)

230 36	1163 (120/0	,		* Order in multiples of 10						
				Volt.	Size (mm)*			Pricing		
Part No.	Product No.	®Mfr.	Value	(V)	WxTxH	1	10	100	1000	5000
81543	MD10 ₹	JVP	10pF	50	3.5 x 2.0 x 3.0	*	\$.07	\$.06	\$.05	\$.04
81533	MD22	+	22pF	50	4.0 x 2.0 x 4.0	*	.12	.09	.07	.055
81535	MD22 🕿	JVP	22pF	50	4.0 x 2.0 x 4.0	*	.10	.08	.06	_
81525	MD100	+	100pF	50	3.3 x 2.0 x 3.0	*	.12	.09	.07	.06
81517	MD.001	+	.001µF	50	4.5 x 2.0 x 3.0	*	.10	.08	.06	.045
25507	MD.01	+	.01µF	50	3.5 x 2.0 x 3.0	*	.12	.09	.07	.055
25509	MD.01 🕿	JVP	.01µF	50	3.5 x 2.0 x 3.0	*	.09	.06	.05	.045
2080366	RD16ZU-153M	PDC	.015µF	50	3.7 x 1.8 x 3.0	*	.08	.06	.04	_
57621	MD.047	+	.047µF	50	2.5 x 2.5 x 3.0	*	.12	.09	.07	.055
25523	MD.1	+	.1µF	50	6.0 x 2.0 x 4.0	*	.08	.06	.045	.035

				Volt.	Size (mm)*	Pricing				
Part No.	Product No.	®Mfr.	Value	(V)	WxTxH	1	10	100	1000	5000
544868	SR205E104MAA≉	JVP	.1μF	50	4.0 x 2.6 x 3.8	*	\$.10	\$.07	\$.05	\$.04
25525	MD.1 ₹	JVP	.1μF	50	3.4 x 2.2 x 3.6	*	.11	.08	.06	.045
25540	MD.22	+	.22µF	50	6.0 x 2.0 x 4.5	*	.15	.12	.09	.07
25541	MD.22⊕	JVP	.22µF	50	6.0 x 2.0 x 4.5	.25	.19	.15	.12	.09
138237	MD.33	+	.33µF	50	6.0 x 2.0 x 8.0	*	.14	.11	.08	.06
544930	SR215E334MAA	JVP	.33µF	50	3.8 x 2.5 x 3.8	*	.15	.12	.09	.07
25558	MD.47	+	.47µF	50	4.5 x 2.5 x 4.5	*	.17	.14	.11	.08
25560	MD.47 🕿	JVP	.47µF	50	4.5 x 2.5 x 4.5	*	.15	.12	.09	_
81509	MD1	+	1μF	50	6.0 x 3.0 x 7.0	.35	.29	.22	.17	.14
81510	MD1	JVP	1μF	50	6.0 x 3.0 x 7.0	.29	.22	.17	_	_
544956	SR305E105MAA	JVP	1µF	50	3.8 x 2.5 x 3.8	.39	.32	.25	.19	.15

Note: Above case sizes may have ± tolerances *Capacitor dimensions and styles may vary

Metallized Polyester Film Mylar Capacitors (±10%)

- · Non-inductive construction · Operating temp. range:
- -40°C to +85°C
- · Dissipation factor: 0.01 (at 1kHz)

_		1 1	
* Web Code: RAD	l i	L	
7702 00401 1412	<u> </u>	ARMITE -	П
		-	7
)	1		

Dielectric strength: 15	50% of rate	d volt.	1 * Order in mu			es of 1	
	Value	Volt.	Size (mm)*		Prici	ng	

Part No.	Product No.	(μF)	(V)	LxTxH	1	10	100	1000
26833	MY.001	.001	100	7.0 x 3.0 x 7.0	*	\$.10	\$.07	\$.05
1946164	MY.0068	.0068	100	5.5 x 2.5 x 10.0	*	.08	.06	.04
26884	MY.01	.01	100	6.0 x 3.0 x 7.0	*	.15	.12	.09
26905	MY.022	.022	100	6.0 x 3.0 x 10.0	*	.15	.12	.09
26921	MY.033	.033	100	8.0 x 4.0 x 11.0	*	.15	.12	.09
26930	MY.047	.047	100	8.0 x 4.0 x 12.0	.25	.19	.15	.12
1946172	MY.068	.068	100	8.6 x 4.0 x 11.0	*	.17	.14	.11
135562	MY.1/50	.1 ‡	50	14.0 x 6.0 x 12.0	*	.17	.14	.11
26956	MY.1	.1	100	12.5 x 5.0 x 9.5	.25	.19	.15	.12
93921	MY.1/250	.1	250	12.5 x 5.5 x 10	.29	.22	.17	.14
26972	MY.22	.22	100	12.5 x 5.5 x 10	.25	.19	.15	.12
1946181	MY.22SM	.22	100	12.5 x 5.0 x 8.5	.25	.19	.15	.12
93964	MY.33/250	.33	250	18.0 x 7.0 x 12.5	.32	.25	.19	.15
26999	MY.47	.47	100	18.0 x 6.0 x 11.5	.45	.35	.29	.22
27001	MY1	1.0	100	18.0 x 7.5 x 14.0	.55	.45	.35	.29
93981	MY1/250	1.0	250	26.0 x 9.0 x 16.0	.65	.49	.39	.32
93999	MY2.2/250	2.2	250	26.0 x 9.0 x 16.0	1.25	.99	.79	.65

‡ ±20% tolerance *Capacitor dimensions and styles may vary on items with various manufacturers

*AVX Radial Ceramic Capacitors — Enter Web Code XDE

	*Prosperity Radial Ceramic Capacitors — Enter Web Code CMC										
Ceramic Trimmer Capacitors JAMECO EXCILISIVE											
TurningOperatir	g voltage: 200VDC torque: 35~200 g-cm ng temperature range: - on resis.: >10MΩ minin	• Q Factor @ 1MH 30°C ~ +85°C	z: >200	Code: PBZ							
Part No.	Capacitance Range (pF)	Color Code	1	10	100	1000					
136979	9.0-50.0	Green	\$.49	\$.39	\$.29	\$.22					
8mm (.	315")		*Web (Code: PAT	SH.	430					
 Operatir 	torque: $40~200 \text{ g-cm}$ ng temp. range: $-55^{\circ}\text{C} \sim$ on resis.: $10\text{M}\Omega$ min. @	+85°C • Work	stand volt. sing volt.:: ctor @ 1M	250VDC	1	301					
Part No.	Capacitance Range (pF)	Color Code	1	10	100	1000					
134818	3.5-13.0	Ivory	\$.49	\$.39	\$.29	\$.19					
32839	4.0–34.0₹	Yellow	1.15	.99	.85	.69					
2077554	5.0-25.0	Blue	89	.75	.59	.49					
32855	6.0-70₹	Nil		.85	.69	.59					
94449	8.5-100	Purple		.85	.69	.59					
94466	8.5-120	Nil	99	.85	.69	.59					

Panasonic® Metallized Film Capacitors (±5%)

V Series - Stacked

· Operating temp. range: -40°C to 85°C

Low dissipation factor: 1% max.

Order in multiples of 10

		Value	i	Dimensions (mm)	Pricing		
Part No.	Mfr. Part No.	(μF)	Voltage	W x H x Th. x L.S.	10	100	500
920510	ECQ-V1H104JL₹	.1	50	7.3 x 4 x 5 x 5	\$.15	\$.12	\$.09
920595	ECQ-V1H474JL ₹	.47	50	7.3 x 6 x 7.3 x 5	.22	.17	.14

Dipped Silver Mica Capacitors (±5%)

Metallized Polyester Film

Case type: DM15 Lead Space: 0.23

Operating temp. range: -55° to +125°C

* Web Code: HAB Tolerance: ±5%

★ Web Code: TAB

Part No. Product No. Value Volt. (V) Size (mm) L x T x H* 10 100 1000 15991 DM100 10pF 500 \$.59 \$.49 \$.39 11 x 4 x 9 \$.32 16037 DM220 22pF 500 11 x 4 x 9 .59 .49 .39 .32 16070 DM330 33pF 500 11 x 4 x 9 .55 .45 .35 .29 16096 DM470 47pF 500 11 x 4 x 9 .55 .45 .35 .29 16002 DM101 100pF 500 11 x 4 x 9 .65 .55 .45 .35 16088 DM331 .95 .75 .49 330pF 16109 DM471 470pF 500 11 x 4 x 9 1.09 89 .69 55 1000pF :

DM102 Capacitor dimensions and styles may vary

SMD Capacitors

JAMECO ValuePro

16011

Aluminum Electrolytic Capacitors

11 x 4 x 9

Operating Temp. Range: -55°C to +105°C









1.35



.95

.79

Leakage	current (20°C) after	2 minut	es .010	CV or 3µA	١	* Order in multiples of 10			
		Value	Voltage	Dia.		Pric	ing		
Part No.	Product No.	(μF)	(V)	(mm)	1	10	100	500	
610431	UWT1H0R1MCL1GB₹	0.1	50	4.0	*	\$.19	\$.12	\$.09	
610423	UWT1H010MCL2GB₹	1.0	50	4.0	*	.19	.12	.09	
610634	UWT1V2R2MCL2GB₹	2.2	35	4.0	*	.19	.12	.09	
115351	RV2-166V100MR*	10	16	4.0	*	.19	.12	.09	
610239	UWT1A220MCL1GB₹	22	10	4.0	*	.19	.12	.09	
610183	UWT0J330MCL1GB₹	33	6.3	4.0	*	.19	.12	.09	
610335	UWT1C470MCL1GB ₹	47	16	6.3	*	.19	.12	.09	
608796	UUD1V680MCL1GS₹	68	35	6.3	.39	.35	.25	.19	
608711	UUD1V680MNL1GS₹	68	50	8.0	.49	.45	.35	.29	
608462	UUD1A101MCL1GS₹	100	10	6.3	.32	.25	.19	.15	
608569	UUD1E101MCL1GS₹	100	25	6.3	.29	.25	.19	.16	
610482	UWT1H221MNL1GS₹	220	50	10.0	.49	.45	.39	.29	
610378	UWT1E33MNL1GS ₹	330	25	8.0	.39	.35	.29	.25	
608614	UDD1E471MNL1GS₹	470	25	10.0	.49	.45	.35	.29	
610221	UWT0J681MNL1GS₹	680	6.3	8.0	.39	.35	.29	.25	
608471	LILID1A102MNI 1GS	1000	10	10.0	49	45	35	29	

*Operating temperature: -40°C to +85°C JVP = Jameco ValuePro PDC = Prosperity Dielectric Co. ♦ Manufacturer Varies

This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.



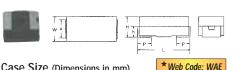


SMD Molded Tantalum & Ceramic Chip Capacitors

JAMECO ValuePro

Resin Molded Solid Tantalum Chip Capacitors (±10%)

NEW



Case Size	7	Web Code: WAE				
EIA	L	W	Н	Р	a	
Case Code	±0.2	±0.2	±0.2	±0.3	±0.2	h(min)
A (3216-18)	3.2	1.6	1.7	0.8	1.2	0.7
B (3528-21)	3.5	2.8	1.9	0.8	2.2	0.7
C (6032-28)	6.0	3.2	2.6	1.3	2.2	1.0
D (7343-31)	7.3	4.3	2.9	1.3	2.4	1.0
E (7343-43)	7.3	4.3	4.1	1.3	2.4	1.0

				木	oraer in	muitiple	es or 10		
	Value (µF)	Case		Pricing					
Part No.	*Low ESR	Size	Volt.	1	10	100	500		
544999	₽ 0.1µF	Α	20	*	\$.10	\$.06	\$.05		
544964	₽ 0.1µF	Α	35	*	.12	.07	.06		
544972	≈ 0.1µF	Α	50	*	.12	.09	.08		
544981	≈ 1µF	Α	16	*	.12	.07	.06		
545001	≈ 1µF	Α	25	*	.12	.07	.06		
597290	≈ 1µF	Α	35	*	.15	.12	.10		
545043	≈ 2.2µF	Α	16	*	.12	.07	.06		
545051	₽ 3.3µF	Α	16	*	.12	.07	.06		
545060	≈ 3.3µF	Α	20	*	.19	.13	.10		
545078	≈ 4.7µF	Α	10	*	.12	.07	.06		
597329	₹* 4.7µF	Α	10	*	.19	.17	.15		
545086	≈ 6.8µF	Α	10	*	.19	.17	.15		
545027	≈ 10µF	Α	6.3	*	.12	.07	.06		
597311	! ₹ *10uF	Α	6.3	*	.19	.17	.15		

				*	Order in	multiple	es of 10	
	Value (µF)	Case		Pricing				
Part No.	Low ESR	Size	Volt.	1	10	100	500	
597302	≈ 10µF	Α	10	*	\$.12	\$.07	\$.06	
545115	₹ *15µF	Α	10	*	.19	.17	.15	
545131	₽ 1µF	В	35	*	.15	.12	.10	
545158	₽ 2.2µF	В	35	*	.19	.12	.10	
545174	≈ 4.7µF	В	16	*	.15	.09	.07	
545140	≈ 10µF	В	16	*	.19	.13	.07	
597337	₹ *10µF	В	16	.29	.25	.19	.15	
545166	≈ 22µF	В	16	.25	.21	.15	.13	
545203	≈ 47µF	В	10	.39	.35	.29	.25	
545254	₽ 2.2µF	С	35	*	.19	.12	.10	
545262	≈ 3.3µF	С	35	.29	.25	.19	.16	
545220	≈ 10µF	С	20	.25	.19	.15	.12	
545289	≈ 10µF	С	25	.25	.19	.16	.15	
545238	1 10µF	С	35	.45	.39	.29	.25	
545300	≈ 22µF	С	16	.27	.22	.16	.14	
545271	≈ 47µF	С	16	.29	.25	.19	.16	
597353	₹ *47µF	С	16	.49	.45	.39	.35	
545297	≈ 100µF	С	10	.49	.45	.35	.29	
545385	≈ 4.7µF	D	35	.49	.45	.39	.35	
545414	₹ 6.8µF	D	50	.49	.45	.39	.35	
545326	₹ 10µF	D	35	.39	.35	.25	.21	
545334	≈ 15µF	D	35	.45	.39	.29	.25	
597388	₹ *15µF	D	35	.49	.45	.39	.35	
545342	≈ 22µF	D	25	.39	.35	.25	.21	
597396	≈ *22µF	D	25	.49	.45	.39	.35	
545351	₽ 22μF	D	35	1.15	.99	.89	.79	

	Value (µF)	Case			Pricing				
Part No.	*Low ESR	Size	Volt.	1	10	100	500		
597433	≉ *22µF	D	35	\$1.25	\$1.09	\$.99	\$.89		
545377	≈ 33µF	D	20	.39	.35	.29	.25		
597409	₹ *33µF	D	20	.49	.45	.39	.35		
545545	≈ 33µF	D	25	1.25	1.09	.99	.89		
545393	≈ 47µF	D	16	.39	.35	.25	.21		
597417	₹ *47µF	D	16	.49	.45	.39	.35		
545406	≈ 47µF	D	25	.89	.79	.65	.59		
545553	≈ 68µF	D	20	1.25	1.09	.99	.89		
545422	≈ 100µF	D	10	.45	.35	.29	.25		
545449	≈ 100µF	D	16	1.25	.99	.75	.69		
545473	₹ 150µF	D	10	.69	.65	.49	.45		
545369	≈ 220µF	D	10	.89	.75	.59	.55		
597441	₹ *220µF	D	10	1.09	.99	.89	.79		
597425	≈ 100µF	Ε	16	1.25	.99	.75	.69		

Resin Molded Solid Tantalum Chip Capacitors (±20%)

* Order in multiples of 10

.29 .25

* Order in multiples of 10

Case sizes and photos

87118

Huge Blowout Sale on All SMT Capacitors -

+

– Enter

Case Value Volt. Tolerance Temp.

100μF

D 10

are same as left (±10%) Case Pricing 10 Mfr. Capacitance Size Volt. 500 Part No. 100 86933 JVP: 1μF \$.12 \$.05 Α 16 \$.07 87020 + 10μF В 10 * .12 .09 .07 87038 + 10μF С 16 .19 .15 .12 87101 JVP 47µF D 16 .35 .29 .23 .21

> 49 39

Web Code: SMT Online for Complete Listing!

Multilayer Ceramic Chip Capacitors

Tolerance

5

5

10

+80/-20

10

10

10

10

5

5

5

5

5

10

10

10

10

10

10

10

10

10

5

5

Temp.

NPO

NPO

NPO

Y5V

X7R

X7R

X5R

X5R

NPO

NPO

NPO

NPO

NPO

X7R

X7R

X7R

X5R

X5R

X5R

X5R

X5R

NPO

NPO

NPO

SMT Case Dimensions (mm)										
	0402 0603 0805 1206 121									
L	1.0	1.6	2.0	3.2	3.2					
W	0.5	0.81	1.25	1.6	2.5					
T	1.02	1.02	0.065	1.55	1.02					
t	0.25	0.35	0.25	0.5	0.5					

Case

0402

0402

0402

0603

0603

0603

0603 !

0603

0805

0805

0805 i

0805

0805

0805

0805

0805

0805

0805 i

0805

0805 i

0805

0805

1206

1206

IVP **2** 0402

Part No.

646135

646178

543742

543777

544008

649483

649598

649766

649774

650020

650097

650126

650185

650193

544278

544331

87372

544340

650484

650492

650505

544489

650521

650581

544497

544526

544534

Mfr

JVP

IVP 🕿

JVP 🕿

JVP

JVP

JVP 🕿

JVP 🕿

JVP ₹!

JVP **≈** 1206

Value

47pF 50

100pF

.10uF 16

330pF

1000pF

8200pF

2.2µF

4.7µF

27pF

100pF

180pF

560pF

680pF

2200pF

0.01µF

0.1µF

0.1µF

0.33µF

0.47uF

1.0µF

 $2.2 \mu F$ 10

2.2µF 16

10uF

10pF 100

15pF 100

22pF

2200pF

Volt.

50

50

50

6.3

6.3

50

50

50

50

50

25

50

25

25

6.3

100



WCD OOUC. WIOD	
NIEW	
MARKED IN PINK	
TOURIST BETTER	

100

.045

10

\$.04 \$.03

> .07 .06

> .09 .07

.08 .06

.04 .03

.07 .05

.15 .12

.19 .15

.04 .03

.04 .03

.06 .045

.05 .035

.06 .05

15

.05 .04

.04 .03

.04 .03

.19 .15

.06

.19 .15

.19 .15

.19 .15

.13 .10

.12 .09

.12

.05

.25

.25

.25

.25

.25

*

* .12 .09

b Code: MCD	Part No.
NEW MARKED IN PINK	544542
	544569

IN PINK	544569	l J
	544500	J١
s of 10	544551	J١
1000	544577	J١
\$.02	544681	J١
.03	544518	J١
.045	651057	+
.05	544690	J١
.045	651102	+
.02	651209	+
.035	651111	+
.09	87329	+
.12	87388	+
.02	651541	+
.02	544606	J١
.035	544711	J١
.025	544729	J١
.03	544673	J١
.09	651410	+
.03	87222	J١
.02	651428	+
.02	651508	+
.12	651487	+
.04	544745	J١
.12	651461	+
.12	651532	+
.12	651495	+
.08	651524	+
.07	544788	J١
.07	651647	+
.07	651655	+
		_

544542	JVP 🕿			100	5	NPO	*	\$.12	\$.09	\$.07
544569	JVP 🕿			100	5	NPO	*	.15	.12	.09
544500	JVP 🎗	1206	100pF	100	5	NPO	*	.06	.05	.04
544551	JVP 🕿	1206	330pF	100	5	NPO	*	.10	.08	.06
544577	JVP 🕿	1206	680pF	100	5	NPO	*	.15	.12	.09
544681	JVP 🕿	1206	1000pF	50	5	NPO	*	.12	.09	.07
544518	JVP 🕿	1206	1000pF	100	5	NPO	*	.15	.12	.09
651057	+	1206	1800pF	50	5	NPO	*	.15	.12	.09
544690	JVP 🕿	1206	2200pF	50	5	NPO	*	.15	.12	.09
651102	+	1206	4700pF	50	5	NPO	.25	.19	.15	.12
651209	+	1206	4700pF	50	10	X7R	*	.09	.07	.05
651111	+	1206	5600pF	50	5	NPO	.25	.19	.15	.12
87329	+	1206	0.01µF	50	10	X7R	*	.055	.045	.03
87388	+	1206	0.1µF	50	10	X7R	*	.09	.07	.06
651541	+	1206	0.1µF	50	+80/-20	Y5V	*	.12	.09	.07
544606	JVP 🕿	1206	0.1µF	100	10	X7R	*	.12	.09	.07
544711	JVP 🕿	1206	0.22µF	50	10	X7R	*	.12	.09	.07
544729	JVP 🗷	1206	0.33µF	50	10	X7R	*	.17	.14	.11
544673	JVP 🗷	1206	0.47µF	25	10	X7R	*	.17	.14	.11
651410	+	1206		50	10	X7R	*	.19	.15	.12
87222	JVP	1206		50	20	Z5U	.29	.22	.17	.14
651428	+	1206	1.0µF	25	10	X7R	*	.15	.12	.07
651508	+	1206	4.7µF	10	10	X5R	.25	.19	.15	.12
651487	+	1206	4.7µF	16	10	X5R	.25	.19	.15	.12
544745	JVP 🗷	1206	4.7µF	16	+80/-20	Y5V	.25	.19	.15	.12
651461	+	1206	4.7µF	25	10	X5R	.29	.22	.17	.14
651532	+	1206	- 1	6.3	10	X5R	.39	.32	.25	.19
651495	+	1206	''	16	10	X5R	.49	.39	.29	.22
651524	+	1206	' '	6.3	10	X5R	.65	.49	.39	.32
544788	JVP 🗷	1210	0.22µF	50	10	X7R	*	.15	.12	.09

[¶] JVP = Jameco ValuePro

↑ Manufacturer Varies

1210 0.33μF

1210 0.47µF

50

50

10

10

X7R

X7R

.25 .19

25 19 .12

.12

.15

15

^{*}For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above

10 X

47 X

100 #

3 LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE FACTORY OVERRUN

Multilayer Ceramic Chip Capacitors (Continued)

	-				-	-				
Part No.	●Mfr.	Case	Value	Volt.	Tolerance	Temp.	1	10	100	1000
651663	+	1210	1.0µF	50	10	X7R	\$.39	\$.32	\$.25	\$.19
651671	+	1210	2.2µF	25	10	X7R	.39	.32	.25	.19
651680	+	1210	4.7µF	16	10	X7R	.49	.39	.32	.25
651701	+	1210	4.7µF	25	10	X7R	.45	.35	.29	.25
651786	+	1210	10μF	10	10	X5R	.75	.59	.45	.35
651698	+	1210	10μF	10	10	X7R	.49	.39	.32	.25
651735	+	1210	10μF	16	10	X5R	.49	.39	.29	.22
651719	+	1210	10μF	25	10	X5R	.59	.49	.39	.32
651751	+	1210	22µF	6.3	10	X5R	.79	.65	.49	.42
651794	+	1210	22µF	10	10	X5R	.79	.65	.49	.42
651743	+	1210	22µF	16	10	X5R	.85	.69	.55	.45
651760	+	1210	47µF	6.3	10	X5R	1.49	1.29	1.09	.89
651831	+	1812	1µF	50	10	X5R	.39	.32	.25	.19
651858	+	1812	22µF	10	10	X5R	.95	.75	.59	.45

Huge Bl	owout Sa	le on All S	MT Capac	itors — E	nter	Web Co	de: SMT	Online for Complete Listing!
* Web	Code: MCL) SN	/IT Case	Dimens	ions ((mm)		\ \dots W
	0402	0603	0805	1206	1210) 1	812	
L	1.0	1.6	2.0	3.2	3.2		4.5	ī
W	0.5	0.81	1.25	1.6	2.5		3.2	
T	1.02	1.02	0.065	1.55	1.02	. 1	1.52	T T
t	0.25	0.35	0.25	0.5	0.5	C	0.61	't

Prosperity -MA0603; MA0805 & MA1206 -SMT Capacitors

* Web Code: SMC · Multilayer Ceramic Chip · Surface mount

Yageo MF-25 Series — 1/4 Watt 1% Metal Film Resistors

· Wire leads · Normal style · Color bands * Web Code: MFR

Carbon Film Resistors

1/8-Watt Carbon Film Resistor (±5%) Assortment

* Web Code: CAP

	Cross	Values		Pric	ing
Part No.	Ref. No.	Included	Description (see chart below)	1	10
108303	ASST1830 ₹	X #	10 ea. of 24 values marked by x and 50 ea. of 6 values marked below by # (540 pcs.)	\$10.95	\$8.95
108329	CAB182R	_	1/8 watt resistor component cabinet kit		
			30 values (540 pcs.) see page 34	27.95	24.95

	1/8-Watt Resistor Assortment Values (Ohms)												
150 x	330 x	680 X	2.0k x	3.3k x	5.6k x	15k x	33k x	470k x					
220 #	390 x	1.0k #	2.2k x	4.7k#	6.8k x	22k 🗶	47k 🗡	1.0M X					
270 x	470 x	1.5k x	2.7k x	5.1k x	10k #	27k 🗶	100k #	10M X					

	1/8-Watt Resistors sold in bags of 100											
Specify Part No. & Resistor Value					1		10)	50	250		
(see Standard Resistor Values Chart below)					\$4.00	\$2.00)	\$1.00	\$.75		
Part No.	Ohms	Part No.	Ohms		Part No.		Ohi	ns	Part No.	Ohms		
107916	100	108097	г.	11/	1849591		2	101/	108214	100k		
10/710	100	108097	5.	IK.	1047071		^	IUK	100214	TUUK		

Save up to 50% on over a hundred clearance items by visiting www.Jameco.com/Save.

1/4-Watt Carbon Film Resistors (±5%) RoHS



Single Value Resistor Pricing: 1/4-Watt Carbon Film Resistors (±5%)

To order: Use part no. adjacent to ohms in chart below. Values may not be combined for quantity price breaks.

Pricing per Resistor (Please order in increments of 100)										
Specify Part No. & Resistor Value 100 1000 5000 25000										
(see Standard Resistor Values Chart below)	\$.015	\$.011	\$.009	\$.007						

Assortment Pricing: 1/4-Watt Carbon Film Resistors (±5%)
Assortments may not be combined for quantity price breaks

	Cross	Values			Pricing	
Part No.	Ref. No.	Included	Description (see chart below)	1	10	50
10720	ASST8-R	_	5 ea. 70 values (350 pcs.) \nearrow (every other value from $10\Omega - 5.6 \text{ M}\Omega$) \nearrow	\$9.95	\$8.49	\$6.95
103166	ASST30-R	• ×	10 ea. 24 values marked ● and 50 ea. 6 values marked ¥ (540 pcs.) ₹	12.95	10.95	8.95
10664	ASST27-R	A	100 ea. 27 values marked (2,700 pcs.) ₹	24.95	21.95	19.95
81832	N/A	_	1/4-watt resistor cabinet kit 30 values, see pg 34 (540 pcs.)	29.95	26.95	23.95

Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms
690216	2 2.2	690427	2 15	690620 ▲×	2 100	690822 ▲●	2 680	691024 A×	2 4.7k	691227 ▲●	≈ 33k	691420	2 220k	691622	≈ 1.5M
690224	2 2.4	690435	2 16	690638	2 110	690831	2 750	691032 ▲●	≈ 5.1k	691235	≈ 36k	691438	≈ 240k	691631	₹ 1.6M
690232	2 2.7	690443	2 18	690646	2 120	690849	2 820	691041 ▲●	≈ 5.6k	691243	≈ 39k	691446	≈ 270k	691892	₹ 1.8M
690241	₹ 3.0	690451	2 20	690654	2 130	690857	2 910	691059	≈ 6.2k	691251	≈ 43k	691454	≈ 300k	691649	≈ 2.0M
690259	₹ 3.3	690460	2 22	690662 ▲●	2 150	690865 ▲×	2 1.0k	691067	≈ 6.8k	691260 ▲●	≈ 47k	691462	≈ 330k	691657	₽ 2.2M
690267	₹ 3.6	690478	2 24	690671	2 160	690873	≈ 1.1k	691075	≈ 7.5k	691278	≈ 51k	691471	≈ 360k	691665	₽ 2.4M
690275	₹ 3.9	690486	2 7	690689	2 180	690881 •	≈ 1.2k	691083	≈ 8.2k	691286	≈ 56k	691489	≈ 390k	691673	₹ 2.7M
690283	2 4.3	690494	2 30	690697	2 200	690890	≈ 1.3k	691091	₽ 9.1k	691294	≈ 62k	691497	≉ 430k	691681	₹ 3.0M
690291	2 4.7	690507	2 33	690700 ▲×	2 220	690902 ▲●	≈ 1.5k	691104 AX	2 10k	691307	≈ 68k	691500 ▲●	≈ 470k	691690	₹ 3.3M
690304	2 5.1	690515	2 36	690718	2 240	690911	≈ 1.6k	691112	≈ 11k	691315	≈ 75k	691518	≈ 510k	691702	≈ 3.6M
690312	₹ 5.6	690523	2 39	690726 ▲●	2 270	690929	2 1.8k	691121	≈ 12k	691323	≈ 82k	691526	≈ 560k	691711	₹ 3.9M
690321	2 6.2	690531	2 43	690734	2 300	690937 ▲●	≈ 2.0k	691139	≈ 13k	691331	₽ 91k	691534	≈ 620k	691737	₹ 4.7M
690339	2 6.8	690540 ▲●	2 47	690742 ▲●	2 330	690945 ▲●	≈ 2.2k	691147 ▲●	≈ 15k	691340 ▲×	2 100k	691542	≈ 680k	691745	₹ 5.1M
690347	₹ 7.5	690558	2 51	690751	2 360	690953	≈ 2.4k	691155	≈ 16k	691358	2 110k	691551	₹ 750k	691753	₹ 5.6M
690363	2 8.2	690566	2 56	690769 •	2 390	690961 ▲●	≈ 2.7k	691163	2 18k	691366	2 120k	691569	≈ 820k	691761	≈ 6.2M
690371	2 9.1	690574	2 62	690777	2 430	690970	≈ 3.0k	691171 •	≈ 20k	691374	≈ 130k	691577	≈ 910k	691770	≈ 6.8M
690380 ▲●	2 10	690582	2 68	690785 ▲●	2 470	690988 ▲●	≈ 3.3k	691180 ▲●	≈ 22k	691382	≈ 150k	691585 ▲●	2 1.0M	691788	₹ 7.5M
690398	2 11	690591	2 75	690793	2 510	690996	≈ 3.6k	691198	≈ 24k	691391	≈ 160k	691593	2 1.1M	691796	₹ 8.2M
690401	2 12	690603	2 82	690806	2 560	691008	≈ 3.9k	691201	≈ 27k	691403	≈ 180k	691606	₹ 1.2M	691809	₽ 9.1M
690419	2 13	690611	2 91	690814	2 620	691016	≉ 4.3k	691219	≈ 30k	691411	≈ 200k	691614	₹ 1.3M	691817 ▲●	₹ 10M

RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166





Carbon Film & Wirewound Resistors

1/4-Watt Carbon Film Resistors (±5%) Non-RoHS



Single Value Resistor Pricing: 1/4-Watt Carbon Film Resistors (±5%)

To order: Use part no. adjacent to ohms in chart, below. Values may not be combined for quantity price breaks.

*Web Code: RCN

Pricing per Resistor (Sold in bags of 100 pieces)										
Specify Part No. & Resistor Value	1 Bag	10 Bags	50 Bags	100 Bags						
(see Standard Resistor Values Chart below)	\$.79	\$.65	\$.49	\$.39						

Yageo 0603, 0805, 1206 — 1% (F) & 5% (J) SMD Thick Film Resistors

1% (F): 0603 (17 Values); 0805 (46 Values); 1206 (27 Values) 5% (J): 0603 (30 Values); 0805 (65 Values); 1206 (64 Values)

*Web Code: RFT

*Web Code: YSR

• 7" paper tape plastic reels

Standard MLCC

• General Purpose

Standard Resistor Values Chart

Blue Part No. = Limited Quantity Available

Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms
30293 🕀	2.2	60134 ⊕≎	68	29735 🕀	1.2k	30074 🕀	12k
30373 ⊕ 🌣	2.7	60222 🕀	75	29760 ⊕ 🌣	1.5k	30841 ⊕≎	33k
30656 ⊕ 🌣	3.3	29946 ⊕ 🌣	100	29786 ⊕≎	1.6k	30955 ⊕ 🌣	39k
29882 ⊕ 🌣	10	30162 ⊕	150	30277 ⊕ 🌣	2.0k	30525 ⊕ ❖	220k
30103 🕀	13	59281 ⊕≎	180	30314 🕀	2.2k	30613 🕀	270k
30411 ⊕ 🌣	20	59424 ⊕	200	30672 ⊕≎	3.3k	31202 🕀	470k
30584 ⊕ 🌣	27	30568 ⊕	240	31026 ⊕♀	4.7k	31325 🕀	510k
30824 ⊕ 🌣	33	30867 ⊕ 🌣	330	31270 ⊕	5.6k	* More 1/2W	/ Decistors
31069 ⊕ 🌣	43	31317 🕀	510	31536 ⊕ 🌣	7.5k	Web Code	
31296 ⊕ 🖸	51	31624 (+)	820	60353 ⊕ €	9 1k	vveb code	. KUN

Yageo YC164 & TC164 Series — Chip Resistor Arrays

• Surface mount • Conv

· Convex and concave styles

* Web Code: YRA

*Web Code: TCH

1/2-Watt Carbon Film Resistors (±5%)



* Web Code: SCH

Assortment Pricing: 1/2-Watt Carbon Film Resistors (±5%)

Assortments may not be combined for quantity price breaks

Single Resistor Value Pricing: 1/2-Watt Carbon Film Resistors (±5%)

To order: Use part number adjacent to ohms in chart below.

Values may not be combined for quantity price breaks.

Pricing Per Resistor (Please order in increments of 100)									
Specify Part No. & Resistor Value 100 1000 5000 2500									
(see Standard Resistor Values Chart below)	\$.03	\$.02	\$.014	\$.01					

Part No.	Cross Ref. No.	Values Included	Description (see chart below)	1	10
107853	ASST1230₹	Х	10 ea. of 24 values marked by x and		
		#	50 ea. of 6 values marked by # (540 pcs.)	\$15.95	\$14.25
107845	ASST1227₹	~	100 ea. of 27 values marked by ✓ (2,700 pcs.)	36.95	31.95
107837	ASST1270₹	N/A	5 ea. of 70 values (every other value from		
			10Ω - 5.6MΩ)(350 pcs.) (see chart below)	9.95	8.49
107879	CAB12R	N/A	1/2-watt resistor component cabinet kit -		
			30 values (540 pcs.), see page 34	29.95	25.95

Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms
659577	2 1.0	659833	2 12	661221	2 68	661378	2 300	661538	2 1.3k	661685 🗸 X	₹ 5.1k	661870 ✔X	2 33k	662151 🗸 X	2 470k
659593	2 1.2	659850	2 15	661239	? 75	661386 🗸 X	2 330	661546 ✔ X	2 1.5k	661693 🗸 X	₹ 5.6k	661896	2 39k	662194	2 680k
659614	2 1.5	659884	2 20	661247	2 82	661407 X	2 390	661554	2 1.6k	661714 X	₹ 6.8k	661917 ✔ X	2 47k	662215	2 820k
659631	2 1.8	659892	2 22	661255	2 91	661423 🗸 X	2 470	661562	2 1.8k	661731	2 8.2k	661933	₹ 56k	662231 ✓ X	2 1.0M
659657	2 2.2	661124	2 7	661263 🗸 #	2 100	661431	2 510	661571 🗸 X	2.0k	661757 🗸 #	2 10k	661950	≈ 68k	662258	2 1.2M
659673	2 2.7	661132	2 30	661280	2 120	661440	2 560	661589 ✔ X	2 2.2k	661773	? 12k	661976	2 82k	662311	2 .2M
659737	2 4.7	661141	2 33	661301 🗸 X	2 150	661458	2 620	661600 ✔ X	2 .7k	661790 🗸 X	₹ 15k	661992 🗸 #	? 100k	662354	₹0 3.3M
659745	20 5.1	661167	2 39	661327	2 180	661466 🗸 X	2 680	661618	2 3.0k	661811	2 18k	662039	? 150k	662397	2 4.7M
659770	2 6.8	661183 ✔ X	2 47	661335	2 200	661474	? 750	661634 🗸 X	≈ 3.3k	661829	2 0k	662071	2 220k	662477 🗸 X	2 10M
659796	2 8.2	661191	2 51	661343 🗸 #	2 220	661482	2 820	661642	2 3.6k	661837 ✓ X	22k	662098	270k	*More 1/2V	V D:-t
659809	2 9.1	661204	2 56	661351	2 40	661503 🗸 #	2 1.0k	661651	2 3.9k	661845	2 24k	662119	2 330k	Web Cod	
659817 ✔ X	2 10	661212	2 62	661360 ✔X	2 70	661520	2 1.2k	661677 🗸 #	2 4.7k	661853 X	2 7k	662135	2 390k	vveb coa	г. эсп
	(✓), (✗), (♯) symbols indicate Resistor values included in Assortments above. □ Blue Part No. = Limited Quantity Available														



5-Watt Wirewound Resistors (5%)

Single Value Resistor Pricing: 5-Watt Wirewound Resistors (±5%)

To order: Use part no. adjacent to Ω in chart below. Values may not be combined for quantity price breaks.

Pricing Per Resistor								
Specify Part No. & Resistor Value	1	10	100	500	2500			
(see Standard Resistor Values Chart below)	\$.39	\$.32	\$.25	\$.19	\$.15			

- Temp range: -55°C to +155°C
- Moisture resistant
- High temperature stabilityExceptionally small,

sturdy and reliable

Blue Part No. = Limited Quantity Available



Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms	Part No.	Ohms
659956	2 0.10	660041	₹ 0.47	660199	2 1.8	660295	2 5.0	660455	2 2	660623	2 100	660762	20 390	660990	2 3.3k
659964	₹ 0.15	660050	₹ 0.50	660201	2 .0	660359	2 8.2	660480	2 7	660631	2 120	660789	2 470	661010	2 4.7k
659972	₹ 0.20	660092	₹ 0.68	660244	2 3.0	660375	2 10	660498	2 30	660674	2 180	660797	2 500	661028	₹ 5.0k
659981	₹ 0.22	660130	2 1.0	660279	2 4.0	660412	2 15	660501	2 33	660682	2 200	660877	2 1.0k	661036	2 10k
660017	₹ 0.33	660172	2 1.5	660287	2 4.7	660447	2 20	660551	2 50	660746	2 330	660957	2 2.2k	661044	2 20k

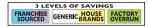
Resistor Color Code Chart



Band Color	Digit	Multiplier	Tolerance
Black	0	1	20%
Brown	1	10	±1%
Red	2	100	±2%
Orange	3	1,000	±3%
Yellow	4	10,000	±4%
Green	5	100,000	±5%

Band Color	Digit	Multiplier	Tolerance	
Blue	6	1,000,000	±0.2%	
Violet	7	10,000,000	±0.1%	
Gray	8	100,000,000	±0.05%	
White	9	10°	-10%	
Gold	N/A	0.1	±5%	
Silver	Silver N/A		±10%	
None	N/A	N/A	±20%	

*For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above



3 LEVELS OF SAVINGS RANCHISE GENERIC HOUSE FACTORY OVERRUN

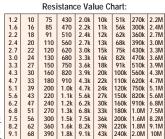
0805 (1/8W) Chip Resistor Assortment (±5%)

144 Values, 50 pcs. each

- · 7,200 pieces total
- Max. overload volt.: 200V Case size (2 cases):
- 10.5"L x 6.7"W x 1.7"T Operating temp.: 70°C
- 1/8 Watt Weight: 1.9 lbs.
- Size (mm): 2.0L x 1.25W x 0.5Thick

Includes: Case with labels

Part No.	Product No.	1	5	25
172806	16-500	\$74.95	\$64.95	\$54.95



1206 (1/4W) Chip Resistor Assortment (±1%)

56 Values, 200 pcs. each; 11,200 pcs. Total

- · Max. working volt.: 200V
- Power: 1/4W
- · Operating temperature: 70°C
- · Temp. coefficient: ±100 ppm/°C
- Resistor dimensions (mm): 3.10L x 1.5 W x 0.55H



		200 pcs. cacii			
Part No.	Cross Ref. No.	1	5	25	
156882	SMR1206SB ≉	\$94.95	\$84.95	\$76.95	

value chart (Onns)							
10	200	3.92k	75k				
12.1	243	4.99k	90.9k				
15	301	6.19k	100k				
20	392	7.5k	121k				
24.3	499	9.09k	150k				
30.1	619	10k	200k				
39.2	750	12.1k	243k				
49.9	909	15k	301k				
61.9	1k	20k	392k				
75	1.21k	24.3k	499k				
90.9	1.5k	30.1k	619k				
100	2k	39.2k	750k				
121	2.43k	49.9k	909k				
150	3.01k	61.9k	1M				

SIP Conformal Coated Resistor Networks (±2% & ±5%)

8 & 10-Pin (125mW)

- · Common circuit
- Rated power per resistor at 70°C: 125mW/ resistor

YAGEO

- · Resis. temp. coefficient: 200ppm/°C
- Opererating temp.: -55°C to 125°C
- Insulation resis.:
- 10,000M Ω min. at 100V
- · Low profile is compatible with DIPs

8-	Pin	Iso	lated

-Pin	ISO	lated	

Part No.	®Mfr.	Product No.	Ohms	Tol.
2078021	YAG	LP8B220G	22	±2%
2077984	YAG	LP8B270G	27	±2%
2078119	YAG	LP8B330J	33	±5%
2078101	YAG	LP8B390J	39	±5%
2078039	YAG	LP8B470G	47	±2%
2078127	YAG	LP8B470J	47	±5%
2078047	YAG	LP8B680G	68	±2%
2078055	YAG	LP8B750G	75	±2%
2078135	YAG	LP8B271G	270	±2%
2077992	YAG	LP8B511J	510	±5%
2078098	YAG	LP8B561J	560	±5%
2078071	YAG	LP8B152G	1.5k	±2%
2078004	YAG	LP8B222J	2.2k	±5%
2078012	YAG	LP8B472J	4.7k	±5%

8-Pin Bussed

Part No.	"IVItr.	Product No.	Unms	101.
2077829	YAG	LP8A100J	10	±5%
2077853	YAG	LP8A220J	22	±5%
2077861	YAG	LP8A330J	33	±5%
2077896	YAG	LP8A560G	56	±2%
2077909	YAG	LP8A560J	56	±5%
2077837	YAG	LP8A151J	150	±5%

97877 97826 * Order in multiples of 10

Pricing per each						
1 10 100 500 2500						
8-pin 2%	*	\$.19	\$.15	\$.12	\$.10	
8-pin 5%	*	.17	.13	.10	.08	
10-pin 2%	.29	.25	.19	.15	.12	
10-pin 5%	*	.19	.15	.12	.10	

8-Pin Bussed (Continued)

Part No.	•Mfr.	Product No.	Ohms	Tol.
2077917	YAG	LP8A331J	330	±5%
97762	YAG	LP8A471G	470	±2%
276083	XCN	265-1K ₹	1k	±2%
2077845	YAG	LP8A102J	1k	±5%
276104	XCN	265-1.5K ≈	1.5k	±2%
97797	YAG	8BRN2.2K	2.2k	±2%
2077968	YAG	LP8A272G	2.7k	±2%
2077950	YAG	LP8A472J	4.7k	±5%
2077802	YAG	LP8A822J	8.2k	±5%
97826	+	8BRN10K	10k	±2%
2077925	YAG	LP8A103J	10k	±5%
2077941	YAG	LP8A203J	20k	±2%
2077634	YAG	LP8A823J	82k	±5%
2077773	YAG	LP8A154J	150k	±5%

10-Pin Isolated

Part No.	®Mfr.	Product No.	Ohms	Tol.
97594	YAG	LP10B471G	470	±2%
2078063	YAG	LP10B471J	470	±5%
2077976	YAG	LP10B681G	680	±2%
2078080	YAG	LP10B103J	10k	±5%
2078143	YAG	LP10B473 I	47k	+5%

10-Pin Bussed

Part No.	®Mfr.	Product No.	Ohms	Tol.
2077765	YAG	LP10A180J	18	±5%
2077642	YAG	LP10A220J	22	±5%
2077706	YAG	LP10A330G	33	±2%
2077651	YAG	LP10A330J	33	±5%
97834	YAG	LP10A101G	100	±2%
2077669	YAG	LP10A101J	100	±5%
280701	XCN	266-180	180	±2%
2077677	YAG	LP10A181J	180	±5%
97851	+	10BRN330	330	±2%
97869	+	10BRN470	470	±2%
2077888	YAG	LP10A471J	470	±5%
2077749	YAG	LP10A821G	820	±2%
97877	+	10BRN1K	1k	±2%

10-Pin Bussed (Continued)

Part No.	®Mfr.	Product No.	Ohms	Tol
2077870	YAG	LP10A202G	2k	±2%
2077693	YAG	LP10A202J	2k	±5%
97893	+	10BRN2.2K	2.2k	±2%
24660	+	10BRN4.7K	4.7k	±2%
2077757	YAG	LP10A562G	5.6k	±2%
24643	+	10BRN10K	10k	±2%
280947	XCN	266-10k-RC	10k	±2%
2077714	YAG	LP10A103J	10k	±5%
2077933	YAG	LP10A203G	20k	±2%
281017	XCN	266-33K	33k	±2%
2077722	YAG	LP10A473J	47k	±5%
98095	+	10BRN100K	100k	±2%
2077731	YAG	LP10A104J	100k	±5%
1 4 44				

• XCN = Xicon | YAG = Yageo |

◆ Manufacturer Varies

Dual-In-Line "DIP" Resistor Networks (±2%)

16-Pin Isolated (140mW/Resistor) ±2% Features (16IRN):

- · Tolerance: ±2%
- · Max. operating voltage: 100V Temp. coefficient:±100ppm/°C
- · Operating temp.:-55°C to +125°C
- Insulation res.: 10,000M Ω min.
- · Lead solderability/solvent resistance: meets requirements of MIL-R-83401
- Copper leads for excellent heat dissipation
- Power rating at 70°C: 2.25 watts
- · Compatible with automatic insertion equipment

500

Qty.

Price

\$1.59

100

\$1.75

	164005	33
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	108556	100
16 pins	108564	220
33333333	108572	330
	108581	470
	108599	1.0k
.	108610	4.7k
*Web Code: GAP	108628	10k

Pricing per each				
1	10	100	1000	
\$.55	\$.45	\$.35	\$.29	

500

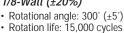
Potentiometers 16mm Linear Taper Potentiometers

Rated voltage: 200V

 (\mathbf{a})

- · Body diameter: 0.63" Shaft diameter: 0.250"
- · Insulation resistance:
- $>100M\Omega$ @ 500VDC

1/8-Watt (±20%)



Qty.	1	10	100	500
Price	\$1.39	\$1.19	\$1.05	\$.89
Part No.	Manufacturer P	art No.	Shaft Lengt	h Ohms
286193	RV16AF-10-20	R1_R53	0.531"	5k

RV16AF-10-20R1-B142

RV16AF-10-20R1-B54

RV16AF-10-20R1-B55₹



0.531"

0.531"



10k

50k

Qty.

Price

286598

Part No.	Manufacturer Part No.	Shaft Length	Ohms
286598	RV16A03-10-15R1-B1K	0.335"	1k
286620	RV16A03-10-15R1-B10K	0.335"	10k

\$1.95

1/5-Watt With SPST Switch (±20%)

\$2.15

1/8-Watt With SPST Switch (±20%)

· Withstanding voltage: 500VAC for 1 min.

Total rotational angle: 270° (±5°)

Switch rating: 12VDC/1A

Rotation life: 100,000 cycles

Qty.	1	10	100	500
Price	\$2.95	\$2.69	\$2.39	\$1.95
Part No.	Manufacturer P	Manufacturer Part No.		ngth Ohms
286767	RV16C-40-16F	RV16C-40-16F1-B5K ₹		" 5k
286791	RV16C-40-16F	RV16C-40-16F1-B500K		" 500k

1/5-Watt (±20%)

- · Shaft diameter: 0.25'
- Body diameter: 0.63"

100 10

\$1.59

* Web Code: YAX

286257

TITICC	Ψ1.57	Ψ1.55	Ψ1.15	ψ.//
Part No.	Manufacturer	Part No.	Shaft Ler	ngth Ohms
286249	RV16AF-10-1	5R1-B13 ≉	0.335	" 1k
286257	RV16AF-10-1	5R1-B2K ≉	0.335	" 2k
286265	RV16AF-10-1	5R1-B53 ≉	0.335	" 5k
286273	RV16AF-10-1	5R1-B14 ≉	0.335	" 10k
163563	PMD401K		0.605	" 10k
286282	RV16AF-10-1	5R1-BF4 ₹	0.335	" 25k
286302	RV16AF-10-1	5R1-B15 ≉	0.335	" 100k
286337	RV16AF-10-1	5R1-B16 ≉	0.335	" 1M

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.



286206

286214

286222

^{*}Over 400,000 SIP Resistors Available Online — Enter Web Code: WRN



Audio Taper, Linear Taper & Trimming Potentiometers



24mm Audio Taper 1/4-Watt (±20%)

· Body diameter: 0.945" Shaft diameter: 0.250" * Web Code: MBQ

10

· Terminal type: solder lugs

255418 Rotational angle: 300° (±5°) Insulation resistance: >100MΩ @ 500VDC

• Max. volt.: 250V • Blue Part No. = Limited Quantity Available

Price	\$1.49	\$1.29	\$1.09	\$.95
Part No.	Manufacturer Pa	art No.	Shaft Leng	th Ohms
255418	RV24AF-10-15I	R1-A53 🗷 o	0.335"	5k
255426	RV24AF-10-15I	R1-A14 🗷	0.335"	10k
255434	RV24AF-10-15I	R1-A54 🕿	0.335"	50k
255442	RV24AF-10-15I	R1-A15 🕿	0.335"	100k
255451	RV24AF-10-15I	R1-A55 🕿	0.335"	500k
255469	RV24AF-10-15I	R1-A16 ₹	0.335"	1M



Price

264411

264429

264437

264445

264453

264462

264480

255611

255629

255645

255653

255662

255688

255696

255709

1/2-Watt 24mm Linear Taper (±20%)

- Rotational angle: 300° (±5°)
- · Withstanding voltage for 1 minute: 500VAC
- Max. voltage: 500V Shaft Dia.: 0.25'

Blue Part No. = Limited Quantity Available

* Web Code: NBQ

\$1.15



\$1.49

Part No.	Manufacturer Part No.	Shaft Length (L)	0hm
255477	RV24AF-10-15R1-B52 ₹	0.335"	500
255485	RV24AF-10-15R1-B13 ₹	0.335"	1
255493	RV24AF-10-15R1-B23 ₹	0.335"	2
255514	RV24AF-10-15R1-B53 ₹	0.335"	5
255522	RV24AF-10-15R1-B14 ₹	0.335"	10
255531	RV24AF-10-15R1-BF4 ₹	0.335"	25
255549	RV24AF-10-15R1-B54 ₹	0.335"	50
255557	RV24AF-10-15R1-B15 ₹	0.335"	100
255565	RV24AF-10-15R1-BF5 🕿	0.335"	250
255573	RV24AF-10-15R1-B55 ₹	0.335"	500
255582	RV24AF-10-15R1-B16 ₹	0.335"	11
255600	RV24AF-10-15R1-B26 ₹	0.335"	21
264373	RV24AF-10-20K-B52 🗷	0.531"	500
264382	RV24AF-10-20K-B13 ₹	0.531"	1
264400	RV24AF-10-20K-B23 🕿	0.531"	2
264402	RV24AF-10-20K-B53 2	0.531"	5

RV24AF-10-20K-B14 2

RV24AF-10-20K-B54 2

RV24AF-10-20K-B15 ₹

RV24AF-10-20K-BF5 🕿

RV24AF-10-20K-B16 2

RV24AF-10-20K-B26 2

RV24AF-10-40R1-B52 2

RV24AF-10-40R1-B13 2

RV24AF-10-40R1-BF3 ₹

RV24AF-10-40R1-B53 2

RV24AF-10-40R1-B14 2

RV24AF-10-40R1-B54 2

RV24AF-10-40R1-B15 2

RV24AF-10-40R1-BF5 ₹

RV24AF-10-20K-B55 ₹ €



1/2-Watt 24mm Linear Taper with SPST Switch (±20%)

263759

· Shaft diameter: 0.25"

· Maximum voltage: 500V

 Terminal type: solder lugs Switch rating: 125VAC, 1A

 Rotation 	- Store	4				
Qty.	1	10		100		500
Price	\$2.25	\$1.99		\$1.79	\$	1.59
Part No.	Manufacturer I	Part No.		Shaft Le	ngth	Ohms
263759	RV24A01F-10	-15R1-B52		0.33	5"	500
263768	RV24A01F-10	-15R1-B13	R	0.33	5"	1k
263784	RV24A01F-10	-15R1-B5K	R	0.33	5"	5k
263792	RV24A01F-10	-15R1-B14	2	0.33	5"	10k
263805	RV24A01F-10	-15R1-BF4	R	0.33	5"	25k
263813	RV24A01F-10	-15R1-B54	R	0.33	5"	50k
263822	RV24A01F-10	-15R1-B10	ЭК 🎜	0.33	5"	100k
263848	RV24A01F-10	-15R1-B55	2	0.33!	5"	500k



0k

1/2-Watt Linear Taper (±10%)

- Temperature range:-55°C to +125°C
- Non-rotational key, Non-slotted shaft end
 Maximum panel thickness: 0.1875"
- Mounting hole: 0.3125"
- Shaft dia.: 0.25" · Shaft length: 0.50'

Includes: Mounting hardware

Qty.			1		10	100	500
Price		\$1	1.09		\$.95	\$.79	\$.65
Part No.	Cr	oss Ref.	Ohn	ns	Part No	. Cross Ref.	Ohms
29050	P1	IK 🅿		1k	29103	P100K 🕿	100k
29197	P	K ≈	. !	5k	29066	P1MEG 🗷	? 1M
29082	P1	10K %	10	Эk			



500

\$.99

IS

10k

50k

100k

250k

500k

1M

2M

500

2.5k

5k

10k

50k

100k

250k

1k

0.531"

0.531"

0.531"

0.531"

0.531"

1.32"

1.32"

1.32"

1.32"

1.32"

1.32"

1.32"

1 32'

2-Watt Linear Taper (±10%)

RV4N Series • Shaft length: 0.875"

- 2W @ 70°C ambient
 Non-rotational key
- Temp. range: -55°C to +120°C
- Mounting hole: 0.375"Shaft dia.: 0.25
- Ir

 iviax. pane 		0		
Includes: Mounting hardware			* Web	Code: JAE
Qty.	1	10	25	100
Price	\$10.49	\$9.25	\$7.95	\$6.95
Part No.	Mfr. Part No.	Military	No.	Ohm:
241568	53C3-100	RV4NA	YSD101A	100
241584	53C3-250	RV4NA	YSD251A	250
183610	53C3-500	RV//NA	YSD501A	500
103010	3303 300	I V TIV/	10000171	000

Part No.	Mfr. Part No.	Military No.	Ohms
241568	53C3-100	RV4NAYSD101A	100
241584	53C3-250	RV4NAYSD251A	250
183610	53C3-500	RV4NAYSD501A	500
13936	53C3-1k	RV4NAYSD102A	1k
241613	53C3-2k	RV4NAYSD202A	2k
241621	53C3-2.5k	RV4NAYSD252A	2.5k
13995	53C3-5k	RV4NAYSD502A	5k
13952	53C3-10k	RV4NAYSD103A	10k
241656	53C3-20k	RV4NAYSD203A	20k
241664	53C3-25k	RV4NAYSD253A	25k
95417	53C3-50k	RV4NAYSD503A	50k
13979	53C3-100k	RV4NAYSD104A	100k
241681	53C3-250k	RV4NAYSD254A	250k
241728	53C3-1M	RV4NAYSD105A	1M

Pocket Trimmer Potentiometer **Adjustment Tool**

lace filled hady



	ss steel blade				
Part No.	Description	Size	1	10	100
153315	Trimmer tool 🗷	5.2"L	. \$1.75	\$1.49	\$1.25

BNS = Bourns | JVP = Jameco ValuePro

2 & 5-Watt Linear Taper Wirewound (±20%)

 Temp. range: -10°C to +70°C Non-rotational key

Includes: Mounting hardware

2-Watt (±20%) · Shaft diameter: 0.25" *Web Code: WAR • Length: 0.825"

· Mounting hole: 0.375" · Base length: 0.25

Part No. Cross Ref. No. Ohms 1 10 100 123960 PT1K ₹ 1k \$3.95 \$3.49 \$3.09 \$2.69 123968 PT5K ₹ 5k 3.95 3.49 3.09 2.69

5-Watt (±20%)

- · Shaft diameter: 0.23" (6mm)
- Mounting hole: 0.32"
- Maximum panel thickness: 0.1
- · Shaft length: 0.67"

Part No. Cross Ref. No. Ohms 10 140514

PW5B100**≈** 100 \$2.75 \$2.49 \$2.25 \$1.75 Bourns® 2-Watt 10-Turn







- Insulation resistance: (500VDC) 1000MΩ min.
- · Power rating:
 - 3540 Series: 2W @ 70°C;

3590 Series: 2W @ 40°C

* Web Code: JBE

- Absolute min. resistance: 1Ω or 0.1% maximum
- Operating temp. range: +1°C to +125°C

3540S -1 Series, Metal Bushing

Part No.	Mfr. Part No.	Ohms 1	10	50
183548	3540S-1-502L ≈	5k \$14.49	\$12.95	\$11.49
183521	3540S-1-103	10k 14.49	12.95	11.49

3590S –1 Series, Plastic Bushing

Part No.	Mfr. Part No.	Ohms	1	10	100
771121	3590S-1-103L ≉	10k \$9	.95	\$8.95	\$8.25
771139	3590S-1-104L ₹	100k 12	.95	11.95	11.25

3590S -2 Series, Metal Bushing

Part No.	Mir. Part No.	Ohms 1	10	50
855818	3590S-2-502L ≈	5k \$9.95	\$8.95	\$8.25
771155	3590S-2-103L ₹	10k 9.95	8.95	8.25

1/4-Watt Miniature Linear (±20%)

X201 (19/32") Vertical Mount

- · 15mm thick
- · Volt. rating: 350VDC
- Power rating: below 5kΩ 1/4 watt @ 40°C; 5kΩ & above – 1/4 watt @ 55°C

Total rotation: 260° ±5°





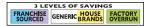


Qty.			1		10		100		500
Price		\$.5	55		\$.45		\$.39		\$.35
Part No.	Cro	ss Ref. No.	Ohn	ns	Part N	0.	Cross Ref	. No.	Ohms
		01R1K ≉							
35503	X20	01R252B ₹	2.5	5k	94722	2	X201R50I	(?	50k

Part No.	Cross Ref. No.	Ohms	Part No.	Cross I
94693	X201R1K 🕿	1k	94714	X201R
35503	X201R252B ₹ X201R5K ₹	2.5k	94722	X201R
94706	X201R5K ₹	5k	94731	X201R

100K **≈** 100k

* For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE FACTORY OVERRUN

1/4-Watt, 1/4" Square **Trimming Potentiometers Top Adjustment (±10%)**

Bourns 3266W Series Value Equivalents

- Resis. tolerance: ±10% 12 turns nominal · Insulation resistance: (500VDC) 1,000m Ω min.
- Contact resis. variation: 3% (.040) or 3Ω max. (whichever is greater)
- Absolute min. resis.: 1% or 2Ω max. (whichever is greater)
- 254642 * Web Code: JBQ

Allen Bradley

Beckman

Лерсора

Spectrol

Bourns

72PR

3386P

3104P

840P

63P 780-12P

3386X

★ Web Code: CDG

Power rating: 0.25W @ 70°C (300V max.)

Price		\$2.	49		5	\$2.25		\$1.95	\$1	1.75
Part No.	Cro	ss Ref. No.	Ohr	ns	ı	Part N	0.	Cross Ref	. No.	Ohms
254609	326	6W-500	Ę	50		25467	77	3266W-1	03 🗷	10k
254617	326	6W-101	10	00		25469	92	3266W-2	53	25k
254626	326	6W-201 🗷	20	00		25470)6	3266W-5	03 🗷	50k
254633	326	6W-501	50	00		25471	14	3266W-1	04 🗷	100k
254642	326	6W-102 🗷		1k		25472	22	3266W-2	04 🗷	200k
254651	326	6W-202 🗷	:	2k		25473	30	3266W-5	04	500k
254669	326	6W-502 2	, ,	5k	ı	25474	19	3266W-1	05 🕿	1M

1/2-Watt, 3/8" Square, Single-**Turn Trimming Potentiometers**

Bourns 3386 Series Equivalents Cross Ref. Chart Equivalent to:

- · Resis. tolerance: ±10%
- · Insulation resis.:
- (500VDC) 1,000M Ω min.
- Absolute min. resisis.: 2Ω max.
- Contact resis.variation: 2% or 3Ω
- Temp. range: -55°C to 125°C
- Power rating: 0.5W @ 85°C (300V max.)

Blue Part No. = Limited Quantity Available



Adjust. (Y

10 pcs. 100 pcs.







- Top -Layout)		(In-Line	(Y-Layout	
		3386P	3386W	3386X
		\$1.49	\$1.65	\$1.65
		1.25	1.45	1.45
		1.09	1.25	1.25

500 pcs.	.95	1.09	1.09
Value (Ω)	3386P Part No.	3386W Part No.	3386X Part No.
50Ω	_	241381	_
100Ω	254297⊕	_	264612
200Ω	254300⊕	_	_
500Ω	43123	2414127	264639
1kΩ	42964⊕	241429 o	_
2kΩ	43043⊕	241437	_
5kΩ	43078⊕	241445⊕	264664 🕿
10kΩ	43001⊕	241454 🗷	264671⊕
20kΩ	43051⊕	241461	264680
25kΩ	254377	241470	264698
50kΩ	43107⊕	241488 🗷	264701
100kΩ	43027⊕	241497 🕿	264719
200kΩ	254407 🕿	241509	_
250kΩ	254414	241517	264735
300kΩ	43060	_	_
500kΩ	63212⊕	_	_
1ΜΩ	42981⊕	241533	264751
2MQ	105216	_	

1/2-Watt, 1/4" Square, Single-Turn **Cermet Potentiometers (±10%)**

- Linear taper
- · Insulation resistance: 500VDC 1000M Ω min.
- Contact res.: 1% or 3Ω · Rotation life: 200 cycles
- Absolute min. res.: 1% or 2Ω
- · Terminals: solderable pins
- · Top adjustment: 240° nominal

 Wipe pos 	itioning: 50%	Vishay	76	
Qty.	1	10	100	500
Price	\$.75	\$.65	\$.55	\$.45

3362P Series (Top Adjustment)

Part No.	Cross Ref. No.	Ohms	Part No.	Cross Ref. No.	Ohms
191644	3362P-200	20	182837	3362P-103 ₹	10k
189341	3362P-500	50	254001	3362P-203⊕	20k
253964	3362P-101⊕	100	254028	3362P-503 ₹	50k
253972	3362P-201⊕	200	254036	3362P-104 ₹	100k
182810	3362P-501	500	182844	3362P-204	200k
253982	3362P-102 ₹	1k	254044	3362P-504 ₹	500k
854698	3362P-202	2k	254115	3362P-105⊕	1M
182829	3362P-502 ≉	5k			

3362W Series (Side Adjustment)

Part No.	Cross Ref. No.	0hms	Part No.	Cross Ref. No.	Ohms
254140	3362W-101	100	254220	3362W-253	25k
254175	3362W-102 ₹	1k	254238	3362W-503	50k
254204	3362W-103 ₹	10k	254247	3362W-104	100k

4220 3362W-253 4238 3362W-503 50k 4247 3362W-104 \$2 100k

Equivalent to:

8050

471

62-3

Beckman

Bourns Mepcopal

MEC

Murata

3362H Series (Top Adjustment Sealed)

770363 3362H-102 ₹ 1k 770371 3362H-103 10	Part No.	Cross Ref. No.	Ohms	Part No.	Cross Ref. No.	Ohm
110303 330211-102 N 110311 330211 103	770363	3362H-102 ₹	1k	770371	3362H-103	10

1/2-Watt, 1/4" Round, Cermet Potentiometers (±10%)

3329P Series Value Equivalents Cross Ref. Chart

- · Sealed to withstand wave soldering and immersion cleaning process Terminals: solderable pins
- TO-5 grid
- 95484 Top adjustment

•	Extended temp. I	aſ
	-55°C to +150°C	

		* Web Code: JDG			Weston		567			
Qty.			1			10		100		500
Price		\$1	.75		\$	1.49		\$1.25		\$.99
Part No.	Cro	ss Ref. No	o. Ohr	ns	l	Part N	0.	Cross Ref	. No	. Ohms
254465	332	29P-101	10	00		25453	88	3329P-20)3 🗷	20k
254473	332	29P-201	20	00		95484	į.	3329P-10)4	100k
95441	332	29P-102		1k		25457	0	3329P-2	04	200k
95450	332	29P-502		5k		25459	7	3329P-1	05 🎜	1M
96719	332	29P-103	1	0k						

1/2-Watt, 3/8" Square, Multi-Turn **Trimming Top Adjustment (±10%) Potentiometers**

Bourns 3296 and 3299 Series Equivalents

- Resistance tolerance: ±10%
- · 25 turns nominal

* Web Code: UDF

Cross Ref. Chart

Equivalent to:

CT-6P

PVC6

Bourns

Copal

Murata

- · Insulation resistance: (500VDC) 1,000M Ω min.
- Absolute min. resistance: 1% or 2Ω max.
- Contact resistance: 1% or 3Ω • Power rating: 0.5W @ 70°C (300V max.)
- Temp range: -55°C to 150°C
- Blue Part No. = Limited Quantity Available

Cross Ref Chart

Oross Rei. Orart					
Equivale	nt to:				
Allen Bradley	E2B				
Beckman	72PR				
Bourns	3386P				
Mepcopal	8038				
Murata	3104P				
Spectrol	63P				
VRN	780-12P				
Weston	840P				

★ Web Code: TDF





1.35





3299Y

1.35

3296W	329
In-Line Pins	Y-La

Price

1 pc

10 pcs.

100 pcs.

500 pcs.

ns	Y-Lay	out In-L	ine Pins	Y-Layout
	3296W	3296Y	3299W	3299Y
	\$1.95	\$1.95	\$1.95	\$2.25
	1.75	1.75	1.75	1.95
	1.49	1.49	1.49	1.49

1.35

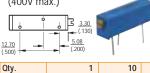
1.35

Value (Ω)	3296W Part No.	3296Y Part No.	3299W Part No.	3299Y Part No.
10Ω	_	240697 ₹0	241058⊕	240872
20Ω	_	_	241066⊕	240881
50Ω	_	240717	_	240531
100Ω	853530≉	240725⊕	241082⊕	_
200Ω	_	240734 ₹0	241091	_
500Ω	853759≉	240742	241103⊕	240928
1kΩ	853556≉	240750⊕	241111⊕	191396
2kΩ	853652≉	240768⊕	241120⊕	240944
5kΩ	853775≉	240776⊕	241139	191425⊕
10kΩ	853572≉	240426⊕	241146⊕	240602
20kΩ	853679≉	240434	238633	_
25kΩ	_	240806 🕿	241162⊕	240629
50kΩ	853791≉	240813⊕	241171⊕	240637
100kΩ	853599≉	240469	241189⊕	191409⊕
200kΩ	853695≉	_	_	_
250kΩ	_	240830⊕	241197	241016
500kΩ	853812≉		238676	
1ΜΩ	853610≉	240856	241219 🕿	_
2ΜΩ	_	240864	241227 🕿	_

3/4-Watt, 3/4" Rectangular, 15-Turn Cermet Potentiometers Side Adjustment (±10%)

3006P Series Value Equivalents

- Low PC board profile
- Temp. range: -55°C to 125°C
- · Absolute min. resistance: 1% or 2Ω
- Contact resistance: 1% or 1Ω max
- Power rating: 0.75W @ 70°C (400V max.)



\$1.49

	Equivaler	nt to:
	Allen Bradley	94P
	Beckman	89PR
.,	Bourns	3006P
Χ.	Litton	6034Y
	Mepcopal	8034
•	Murata	2101P
	Spectrol	43P
	VRN	961-20
	Weston	830P

100

\$1.09

Cross Ref. Chart

-		2412/8	.3(1)
	961-20	241270	30
	961-20 830P	41890	30
		241286	30
		41822	30
	500	241294	30
	\$ 95	41072	20

241235	3006P-101 ₹	100
241242	3006P-201	200
41937	3006P-501	500
241252	3006P-501 ₹	500
241269	3006P-102⊕	1k
41865	3006P-202	2k
241278	3006P-202 ₹	2k
41890	3006P-502	5k
241286	3006P-502 ≈	5k
41822	3006P-103	10k
241294	3006P-103 ₹	10k
41873	3006P-203	20k

Part No. Cross Ref. No. Ohms

Part No.	Cross Ref. No.	Ohms
241307	3006P-203	20k
241314	3006P-253 €	25k
41911	3006P-503	50k
241323	3006P-503 ₹	50k
41849	3006P-104	100k
241332	3006P-104 ₹	100k
241350	3006P-204 ₹	200k
63001	3006P-204	200k
41953	3006P-504	500k
41806	3006P-105	1M
241374	3006P-105 ₹	1M

^{\$1.29} RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.



Price



JAMECO ValuePro

NEW · DC - DC converter, EMI filter applications

 Low radiation Low core loss

High current capacity

Operating temperature.: -55°C to +105°C

V = vertical mount; H = horizontal mount









I W Miller 2100 Series Value Equivalents

See technical datasheets on <u>www.Jameco.com</u> for complete specs.

	Cross	L (µH)		DCR max.	Lead	Lead		Pricing	
Part No.	Ref. No.	ι @ 1kHz ι		(Ω)	Spa. (in)		1	10	100
371741	2101-V	10.0	10.8	0.006	0.34	0.053	\$1.38	\$1.25	\$1.05
371506	2101-H	10.0	10.8	0.006	0.77	0.053	1.38	1.25	1.05
371750	2102-V	12.0	10.3	0.007	0.34	0.053	1.38	1.25	1.05
371514	2102-H	12.0	10.3	0.007	0.77	0.053	1.38	1.25	1.05
371768	2103-V 🏵	15.0	7.7	0.012	0.33	0.042	1.38	1.25	1.05
371522	2103-H	15.0	7.7	0.012	0.76	0.042	1.38	1.25	1.05
371776	2104-V	18.0	7.4	0.013	0.33	0.042	1.38	1.25	1.05
371531	2104-H	18.0	7.4	0.013	0.76	0.042	1.38	1.25	1.05
371549	2105-H	22.0	7.0	0.015	0.76	0.042	1.38	1.25	1.05
371792	2106-V	27.0	5.3	0.026	0.32	0.034	1.38	1.25	1.05
371557	2106-H	27.0	5.3	0.026	0.75	0.034	1.38	1.25	1.05
371805	2107-V	33.0	5.0	0.029	0.32	0.034	1.38	1.25	1.05
371565	2107-H	33.0	5.0	0.029	0.75	0.034	1.38	1.25	1.05
371813	2108-V	39.0	4.8	0.032	0.32	0.034	1.38	1.25	1.05
371573	2108-H	39.0	4.8	0.032	0.75	0.034	1.38	1.25	1.05
371822	2109-V 2	47.0	3.6	0.055	0.31	0.027	1.38	1.25	1.05
371581	2109-H	47.0	3.6	0.055	0.75	0.027	1.38	1.25	1.05
371830	2110-V	56.0	3.4	0.060	0.31	0.027	1.38	1.25	1.05
371848	2111-V	68.0	3.3	0.067	0.31	0.027	1.38	1.25	1.05
371602	2111-H	68.0	3.3	0.067	0.75	0.027	1.38	1.25	1.05
371856	2112-V 2	100.0	2.4	0.13	0.31	0.022	1.38	1.25	1.05
371611	2112-H	100.0	2.4	0.13	0.74	0.022	1.38	1.25	1.05
371864	2113-V	120.0	2.2	0.15	0.31	0.022	1.38	1.25	1.05
371872	2114-V	150.0	3.4	0.062	0.35	0.034	1.38	1.25	1.05
371638	2114-H ₹	150.0	3.4	0.062	0.79	0.034	1.38	1.25	1.05
371881	2115-V	180.0	2.6	0.11	0.34	0.027	1.38	1.25	1.05
371899	2116-V	220.0	2.4	0.12	0.34	0.027	1.38	1.25	1.05
371653	2116-H	220.0	2.4	0.12	0.77	0.027	1.38	1.25	1.05
371901	2117-V	270.0	1.8	0.21	0.33	0.022	1.38	1.25	1.05
371661	2117-H	270.0	1.8	0.21	0.76	0.022	1.38	1.25	1.05
371670	2118-H	330.0	1.7	0.23	0.76	0.022	1.38	1.25	1.05
371928	2119-V	390.0	1.7	0.25	0.33	0.022	1.38	1.25	1.05
371688	2119-H	390.0	1.7	0.25	0.76	0.022	1.38	1.25	1.05
371696	2120-H	470.0	1.6	0.28	0.76	0.022	1.38	1.25	1.05
371944	2121-V	560.0	1.5	0.30	0.35	0.022	1.38	1.25	1.05
371709	2121-H	560.0	1.5	0.30	0.79	0.022	1.38	1.25	1.05
371952	2122-V	680.0	1.4	0.33	0.35	0.022	1.38	1.25	1.05
371717	2122-H	680.0	1.4	0.33	0.79	0.022	1.38	1.25	1.05
371961	2123-V	820.0	1.4	0.37	0.35	0.022	1.38	1.25	1.05
371725	2123-H	820.0	1.4	0.37	0.79	0.022	1.38	1.25	1.05
371979	2124-V	1000.0	1.3	0.40	0.37	0.022	1.38	1.25	1.05
371733	2124-H	1000.0	1.3	0.40	0.81	0.022	1.38	1.25	1.05

J.W. Miller 2200 Series Value Equivalents

	Cross	L (µH)	IDC max.	DCR max.	Lead	Lead		Pricina	
Part No.	Ref. No.	@ 1kHz		(Ω)	Spa. (in)	Dia. (in)	1	10	100
371021	2201-H	10.0	12.5	0.007	0.88	0.053	\$1.75	\$1.39	\$1.15
371274	2202-V	12.0	12.0	0.008	0.46	0.053	1.75	1.39	1.15
371039	2202-H	12.0	12.0	0.008	0.88	0.053	1.75	1.39	1.15
371282	2203-V	15.0	11.3	0.008	0.46	0.053	1.75	1.39	1.15
371047	2203-H	15.0	11.3	0.008	0.88	0.053	1.75	1.39	1.15
371303	2205-V	22.0	10.3	0.010	0.46	0.053	1.75	1.39	1.15
371063	2205-H	22.0	10.3	0.010	0.88	0.053	1.75	1.39	1.15
371311	2206-V	27.0	9.8	0.011	0.46	0.053	1.75	1.39	1.15
371071	2206-H	27.0	9.8	0.011	0.88	0.053	1.75	1.39	1.15
371320	2207-V	33.0	7.4	0.020	0.45	0.042	1.75	1.39	1.15
371080	2207-H	33.0	7.4	0.020	0.87	0.042	1.75	1.39	1.15
371338	2208-V	39.0	7.1	0.022	0.45	0.042	1.75	1.39	1.15
371098	2208-H	39.0	7.1	0.022	0.87	0.042	1.75	1.39	1.15
371346	2209-V	47.0	6.7	0.024	0.45	0.042	1.75	1.39	1.15

High-Current Toroid Inductors

* Web Code: KBY

J<u>ameco</u> Exclusive

J.W. Miller 2200 Series Value Equivalents (Continued)

	Cross	L (µH)	IDC max.	DCR max.	Lead	Lead	Pricing		
Part No.	Ref. No.	@ 1kHz i	(A)	(Ω)	Spa. (in)	Dia. (in)	1	10	100
371119	2210-H	56.0	6.4	0.026	0.87	0.042	\$1.75	\$1.39	\$1.15
371354	2210-V	56.0	6.4	0.026	0.45	0.042	1.75	1.39	1.15
371362	2211-V	68.0	4.9	0.046	0.44	0.034	1.75	1.39	1.15
371127	2211-H	68.0	4.9	0.046	0.86	0.034	1.75	1.39	1.15
371371	2212-V	100.0	4.4	0.056	0.44	0.034	1.75	1.39	1.15
371135	2212-H	100.0	4.4	0.056	0.86	0.034	1.75	1.39	1.15
371418	2216-V	220.0	3.6	0.083	0.48	0.034	1.75	1.39	1.15
371434	2218-V	330.0	3.3	0.10	0.48	0.034	1.75	1.39	1.15
371194	2218-H	330.0	3.3	0.10	0.90	0.034	1.75	1.39	1.15
371493	2224-V	1000.0	1.9	0.28	0.49	0.027	1.75	1.39	1.15
371258	2224-H	1000.0	1.9	0.28	0.91	0.027	1.75	1.39	1.15

J.W. Miller 2300 Series Value Equivalents

	Cross	L (µH)	IDC max.	DCR max.	Lead	Lead		Pricing	
Part No.	Ref. No.	@ 1KHz	(A)	(Ω)	Spa. (in)	Dia. (in)	1	10	100
386901	2301-V	10.0	20.0	0.005	0.56	0.066	\$1.79	\$1.45	\$1.25
386361	2301-H	10.0	20.0	0.005	1.18	0.066	1.79	1.45	1.25
386935	2302-V	12.0	19.1	0.005	0.56	0.066	1.79	1.45	1.25
386396	2302-H	12.0		0.005	1.18	0.066	1.79	1.45	1.25
386951	2303-V	15.0	18.0	0.006	0.56	0.066	1.79	1.45	1.25
386425	2303-H	15.0	18.0	0.006	1.18	0.066	1.79	1.45	1.25
386978	2304-V	18.0	17.2	0.006	0.56	0.066	1.79	1.45	1.25
387006	2305-V	22.0	16.4	0.007	0.56	0.066	1.79	1.45	1.25
386468	2305-H	22.0	16.4	0.007	1.18	0.066	1.79	1.45	1.25
387022	2306-V	27.0	15.6	0.008	0.56	0.066	1.79	1.45	1.25
386484	2306-H	27.0	15.6	0.008	1.18	0.066	1.79	1.45	1.25
386505	2307-H	33.0	11.7	0.013	1.14	0.053	1.79	1.45	1.25
387065	2308-V	39.0	11.2	0.014	0.53	0.053	1.79	1.45	1.25
386521	2308-H	39.0	11.2	0.014	1.14	0.053	1.79	1.45	1.25
387090	2309-V	47.0	10.7	0.016	0.53	0.053	1.79	1.45	1.25
386548	2309-H	47.0	10.7	0.016	1.14	0.053	1.79	1.45	1.25
387111	2310-V	56.0	10.2	0.017	0.53	0.053	1.79	1.45	1.25
386564	2310-H	56.0	10.2	0.017	1.14	0.053	1.79	1.45	1.25
387137	2311-V	68.0	7.7	0.030	0.52	0.042	1.79	1.45	1.25
386581	2311-H	68.0	7.7	0.030	1.13	0.042	1.79	1.45	1.25
386601	2312-H	100.0	7.0	0.037	1.13	0.042	1.79	1.45	1.25
387188	2313-V	120.0	6.7	0.040	0.52	0.042	1.79	1.45	1.25
386636	2313-H	120.0	6.7	0.040	1.13	0.042	1.79	1.45	1.25
387209	2314-V	150.0	5.0	0.071	0.51	0.034	1.79	1.45	1.25
386679	2315-H	180.0	4.8	0.078	1.12	0.034	1.79	1.45	1.25
387268	2316-V	220.0	5.8	0.054	0.56	0.042	1.79	1.45	1.25
386767	2319-H	390.0	5.0	0.072	1.17	0.042	1.79	1.45	1.25

J.W. Miller 5700 Series Value Equivalents

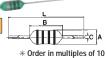
- · Low radiation · Low core loss
- Size: A = 22.22mm max.; B = 11.09mm max. $C = 15.0 \pm 1.0 \text{mm}$; $D = 1.2 \pm 0.5 \text{mm}$
- See page 111 for EMI suppression cores · High current capacity
- See technical datasheets on www.Jameco.com for complete specifications

	Cross		 IDC max. 	L min.	Pricing		
Part No.	Ref. No.	L (μ H)	(A)	@ IDC	1	10	100
208259	5701 2	10	11.0	5	\$3.95	\$2.75	\$1.85
208320	5712	150	4.75	85	3.95	2.75	1.85
208291	5705 ↔	450	1.5	250	3.95	2.75	1.85

Epoxy Conformal Coated Chokes

- Operating temperature: -25°C to +85°C Size: A = 3.2mm max.;
- B = 7.0mm max.; $C = 0.48 \pm 0.5$ mm
- (except P/N 208143: $0.50\pm.05$ mm); L = 63 ± 3 mm • Tolerance: 5%





	L	Q	Test. Freq	Res. Freq	DCR	Max. DC		Pricing	
Part No.	(µ H)	(min.)	(MHz)	Min. (MHz)	Max. (Ω)	Curr. (mA)	1	10	100
208143	10	60	7.96	28.7	1.56	670	*	\$.11	\$.09
208194	100	45	2.52	5.0	4.98	240	*	.11	.09
208240	1000	45	0.796	1.5	31.3	80	*	.11	.09

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



JAMECO ValuePro

Conformal Coated RF Choke

J.W. Miller 5300 Series Value Equivalent

· High current and high self-resonant frequency

 Low DCR Low cost

· Epoxy coated to protect winding from harsh environments

	Cross	L ±10%	Res. Freq.	DCR	Current	Pricing		
Part No.	Ref. No.	(µ H)	Min. (MHz)	Max. (Ω)	Max. (mA)	1	10	100
642492	5300-25 🗷	100.0	3.9	0.67	550	\$.79	\$.69	\$.59

JAMECO ValuePro Epoxy Conformal Coated RF Chokes

J.W. Miller 77F Series Equivalents

· High current and self-resonant frequency

Low DCR
 Low cost
 Color bands identification

• Dielectric strength: 550Vrms

Operating temp.: -55°C to +105°C
Lead length: 1.0"
Body length: 0.41"

· Overall length: 2.41" Body diameter: 0.157"

NEW

* Web Code: WBG

★ Web Code: WBG

AMECO

EXCLUSIVE

* Web Code: XCF

* Web Code: MBY

	Cross	L ±5%	SRF (MHz)	DCR	I (mA)		Pricing	
Part No.	Ref. No.	(µ H)	(min.)	Max. (Ω)	Max.	1	10	100
371995	77F6R8K*	6.8	68.0	0.48	550	\$.79	\$.69	\$.59
372007	77F100K*	10.0	45.0	0.58	500	.79	.69	.59
372015	77F270K*	27.0	7.6	0.94	390	.79	.69	.59
372023	77F330J	33.0	6.3	1.03	370	.79	.69	.59
372031	77F470J	47.0	6.3	1.22	340	.79	.69	.59
372040	77F820J	82.0	5.3	1.62	290	.79	.69	.59
372058	77F101J	100.0	4.8	1.80	275	.79	.69	.59
372066	77F221J	220.0	3.0	5.10	155	.79	.69	.59
372074	77F331J	330.0	2.6	6.40	137	.79	.69	.59
372082	77F391J	390.0	2.4	7.00	133	.79	.69	.59
372091	77F102J	1000.0	1.4	14.0	100	.79	.69	.59

* L (µH) ±10%

J.W. Miller 78F Series Equivalents

 High Q and self-resonant frequency · Low cost

 Low DCR Color bands identification
 Operating temp.: -55°C to +105°C Dielectric strength: 500Vrms
 Overall length: 2.28" · Lead length: 1.0"

Body diameter: 0.11"

Body ler	Body length: 0.28")rde	er in multiples of 10	
DE (MH-)	DCD	I (mA)	\Box	Driging	

	Cross	L ±5%	SRF (MHz)	DCR	I (mA)	Pric	ing
Part No.	Ref. No.	(µH)	(min.)	Max. (Ω)	Max.	10	100
372103	78FR68K*	0.68	250	0.12	495	\$.10	\$.08
372111	78F1R0K*	1.0	180	0.15	385	.10	.08
372120	78F1R8K*	1.8	125	0.25	455	.10	.08
372138	78F2R7K*	2.7	95	0.30	355	.10	.08
372146	78F3R3J	3.3	70	0.34	270	.10	.08
372154	78F4R7J	4.7	50	0.35	230	.10	.08
372162	78F8R2J	8.2	28	0.55	155	.10	.08
372171	78F100J	10.0	22	0.72	130	.10	.08
372189	78F120J	12.0	20	0.80	155	.10	.08
372197	78F220J	22.0	13	1.20	140	.10	.08
372200	78F270J	27.0	11	1.35	135	.10	.08
372218	78F330J	33.0	10	1.50	195	.10	.08
372226	78F390J	39.0	9.5	1.70	185	.10	.08
372234	78F470K	47.0	8.5	2.30	167	.10	.08
372242	78F101J	100.0	5.5	3.50	125	.10	.08
372251	78F121J	120.0	5.4	3.80	100	.10	.08
372269	78F221J	220.0	4.0	5.70	76	.10	.08
372277	78F471J	470.0	2.5	11.6	53	.10	.08

^{*} L (µH) ±10%

JAMECO ValuePro Axial Leaded RF Chokes

 Inductive tolerance: 10% Oper. temp.: -55°C to +125°C

- · Overall length: 3.6" max.
- · Lead length: 1.5" max.
- Body length: 0.77" max. · Body dia.: 0.3" max.

J.W. Miller 4600 Series Value Equivalent

				,			-		
	Cross	L (μ H)	Q	SRF	DCR	IDC		Pricing	
Part No.	Ref. No.	@ 1kHz	min.	min. (MHz)	max. (Ω)	(mA)	1	10	100
642337	4624 🕿	15	62	33	0.17	1000	\$1.09	\$.99	\$.89
642353	4629 🕿	55	72	17	1	500	1.09	.99	.89
642388	4632 2	100	107	12	3	400	1.09	.99	.89



Molded RF Chokes

J.W. Miller 9230 Series Equivalents

High Q and high reliability • Miniature size

Injection molded to protect coil from extreme environment

Color band or numerical marking identification • Dielectric strength: 1000Vrms Operating temp.: phenolic -55°C to +125°C, iron / ferrite -55°C to +105°C

 Overall length: 2.25" · Lead length: 1.0"

· Body length: 0.25" · Body diameter: 0.095' * Web Code: PBY

	Cross	L ±10%	SRF (MHz)	DCR	I (mA)	Core		Pricing	
Part No.	Ref. No.	(µ H)	(min.)	Max. (Ω)	Max.	Material	1	10	100
372285	9230-94	0.10	690	0.07	1100	Phenolic	\$.75	\$.65	\$.45
372293	9230-00	0.15	600	0.10	1100	Phenolic	.75	.65	.45
372306	9230-04	0.22	510	0.14	935	Phenolic	.75	.65	.45
372314	9230-10	0.39	380	0.30	640	Phenolic	.75	.65	.45
372322	9230-12	0.47	340	0.35	590	Phenolic	.75	.65	.45
372331	9230-14	0.56	300	0.50	495	Phenolic	.75	.65	.45
372349	9230-16	0.68	275	0.60	450	Phenolic	.75	.65	.45
372357	9230-20	1.0	230	1.0	350	Phenolic	.75	.65	.45
372365	9230-32	3.3	90	0.85	380	Iron	.75	.65	.45
372373	9230-34	3.9	82	1.0	350	Iron	.75	.65	.45
372381	9230-36	4.7	75	1.2	320	Iron	.75	.65	.45
372390	9230-44	10.0	50	3.7	180	Iron	.75	.65	.45
372402	9230-52	22.0	25	3.3	190	Iron	.75	.65	.45
372411	9230-56	33.0	24	3.4	187	Ferrite	.75	.65	.45
372429	9230-64	68.0	15	6.7	135	Ferrite	.75	.65	.45
372437	9230-68	100.0	13	8.0	125	Ferrite	.75	.65	.45
372445	9230-70	120.0	12	13.0	97	Ferrite	.75	.65	.45

J.W. Miller 9250 Series Equivalents

· High Q and high reliability

Injection molded to protect coil from extreme environment

Ferrite magnetic shielded for low radiation • Operating temp.: -55°C to +105°C

Color band or numerical marking identification • Dielectric strength: 1000Vrms

	Cross	L ±10%	SRF (MHz)	DCR	I (mA)	Core	Pricing		
Part No.	Ref. No.	(µ H)	(Min.)	Max. (Ω)	Max.	Material	1	10	100
372453	9250-102	1.0	140.0	0.07	1070	Iron	\$1.39	\$1.25	\$1.05
372461	9250-222	2.2	100.0	0.19	650	Iron	1.39	1.25	1.05
372470	9250-472	4.7	70.0	0.55	380	Iron	1.39	1.25	1.05
372488	9250-103	10.0	46.0	1.62	220	Iron	1.39	1.25	1.05
372496	9250-223	22.0	41.0	0.96	290	Ferrite	1.39	1.25	1.05
372509	9250-473	47.0	27.0	2.11	195	Ferrite	1.39	1.25	1.05
372517	9250-104	100.0	10.0	3.12	160	Ferrite	1.39	1.25	1.05
372525	9250-224	220.0	7.5	5.0	125	Ferrite	1.39	1.25	1.05
372533	9250-474	470.0	5.7	9.5	92	Ferrite	1.39	1.25	1.05
372550	9250-225	2200.0	0.97	33.8	50	Ferrite	1.39	1.25	1.05

High Current Axial RF Chokes

· High current capacity · Low DCR

· Test frequency: 1kHz Ferrite bobbin core J.W. Miller 5800 Series Value Equivalents

	Cross	L ±10%	DCR	DC Current		Pricing	
Part No.	Ref. No.	(µ H)	Max. (Ω)	Max. (A)	1	10	
642556	5800-8R2 🕿	8.2	0.028	1.28	\$.95	\$.83	0,
642601	5800-101 🕿	100	0.208	0.632	.95	.83	
642636	5800-181 🕿	180	0.362	0.508	95	83	

	0.000		2011	20 04			
Part No.	Ref. No.	(µ H)	Max. (Ω)	Max. (A)	1	10	100
642556	5800-8R2 🕿	8.2	0.028	1.28	\$.95	\$.83	\$.69
642601	5800-101 🕿	100	0.208	0.632	.95	.83	.69
642636	5800-181 🕿	180	0.362	0.508	.95	.83	.69
642644	5800-221 🕿	220	0.43	0.508	.95	.83	.69
642687	5800-471 🕿	470	1.15	0.315	.95	.83	.69
642695	5800-102 ₹	1000	2.30	0.200	.95	.83	.69
642741	5800-103 🕿	10,000	26.4	0.05	.95	.83	.69

J.W. Miller 5900 Series Value Equivalents

642767	5900-220 🕿	22	0.026	6.07	\$1.45	\$1.29	\$1.09
642791	5900-101 🕿	100	0.09	2.79	1.45	1.29	1.09
642821	5900-221 🗷	220	0.162	1.89	1.45	1.29	1.09
642839	5900-271 🕿	270	0.208	1.63	1.45	1.29	1.09
642863	5900-471 🕿	470	0.38	1.2	1.45	1.29	1.09
642880	5900-102 🕿	1000	0.844	0.8	1.45	1.29	1.09
642919	5900-682 🕿	6800	5.69	0.322	1.45	1.29	1.09
642927	5900-103 🕿	10,000	7.3	0.266	1.45	1.29	1.09

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.



JAMECO

★ Web Code: BCG

EXCLUSIVE



BELDEN

Coaxial Cables

All Products Available in 100' Length. Call for Quote

* Web Code: UEZ

50Ω Transmission and Computer Cable RG8/X & RG8/U Type

16 AWG stranded (19x29) .058" bare copper RG8/X type

· 95% bare copper braid shield

Foam polyethylene insulation and black PVC jacket

• Nominal capacitance: 81.4pF/m • Nominal impedance: 50Ω

Nominal outer diameter: 0.242"
 Color: black

Part No.	Mfr. Part No.	Description	Price
234254	9258-100-10⊕	100' reel	\$59.99
234258	9258-U500-10⊕	500' unreel box	299.95
234257	9258-U1000-10⊕	1000' unreel box	589.95

13 AWG stranded (7 x 21) .085" bare copper RG8/U type

• 97% bare copper braid shield

Polyethylene insulation and black PVC jacket

Nominal capacitance: 93.5pF/m
 Nominal impedance: 52Ω

Nominal outer diameter: .405"
 Color: black

Part No.	Mfr. Part No.	Description	Price
232848	8237-100-10⊕	100' reel	\$99.95
732857	8237-500-10 🕿	500' reel	664.95
732865	8237-1000-10 🕿	1000' reel	1,179.95

11 AWG stranded (7 x 19) .108" bare copper RG8/U type

Nominal outer diameter: .285"
 Color: black

• Foam polyethylene insulation & black PVC jacket • 97% bare copper braid shield

Nominal capacitance: 85.3pF/m
 Nominal impedance: 50Ω

Part No.	Mfr. Part No.	Description	Price
232750	8214-100-10⊕	100' reel	\$179.95
232768	8214-500-10 🕀	500' reel	399.95
232776	8214-1000-10⊕	1000' reel	799.95

50Ω Transmission and Computer Cable RG58A/U Type

20 AWG solid .032" bare copper

Nominal outer diameter: .193"
 Color: black

Polyethylene insulation and black PVC jacket
 95% tinned copper braid shield

Nominal capacitance: 93.5pF/m
 Nominal impedance: 51.5Ω

Part No.	Mfr. Part No.	Description	Price
232872	8240-100-10⊕	100' reel	\$49.95

20 AWG stranded (19 x 32) .037" tinned copper

• 96% tinned copper braid shield

Foam polyethylene insulation and black PVC jacket

• Nominal capacitance: 86.9pF/m • Nominal impedance: 53.5Ω

Nominal outer diameter: .194"
 Color: black

Part No.	Mfr. Part No.	Description	Price
232813	8219-100-10⊕	100' reel	\$49.95
232830	8219-1000-10	1000' reel	399.95

Precision Video Cable for Analog and Digital RG6 Type

18 AWG solid .040" bare copper

Gas injected foam HDPE insulation, PVC jacket

• Nominal capacitance: 53.1 pF/m • Nominal impedance: 75Ω

• DuoFoil® +95% tinned copper braid shield • Nominal outer diameter: .275"

200.011	. , o , o til il lod oop	por braia ornora - 1101111110	. outor alamiotom izro	
Part No.	Mfr. Part No.	Description	Price	е
234099	1694A-100-10⊕	100' reel (black)	\$69.9	5
734156	1694A-500-10 🕿	500' reel	299.9!	5

75Ω Standard Analog Video Cable RG59/U Type

22 AWG stranded (7 x 30) .030" bare copper • 95% bare copper braid shield

· Foam polyethylene insulation and black PVC jacket

Nominal capacitance: 56.7pF/m
 Nominal impedance: 75Ω

Nominal outer diameter: .241"
 Color: black

Part No.	Mfr. Part No.	Description	Price
232653	9259-100-10⊕	100' reel	. \$69.95
234070	9259-U500-10⊕	500' unreel box	. 199.95
732662	9259-500-10 🗷	500' reel box	. 249.95
232670	9259-1000-10 🕀	1000' reel box	. 399.95
734070	9259-U1000-10 🗷	1000' unreel box	. 459.95

Broadband Coax (Headend/Video Cables)

20 AWG solid .031" bare copper

• Nominal capacitance 68.9pF/m • Color: black

Nominal outer diameter: .305"

• Nominal impedance: 75Ω

• 98% tinned copper double braid shield • Polyethylene insulation and jacket

Part No.	Mfr. Part No.	Description	Price
232961	8281-100-10⊕	100' reel	. \$69.95
232979	8281-500-10⊕	500' reel	. 235.95
232987	8281-1000-10⊕	1000' reel	. 469.95

20 AWG solid .032" solid bare copper

• Duofoil® +95% tinned copper braid shield

Gas injected foam HDPE insulation and PVC jacket

Nominal capacitance: 53.5pF/m
 Nominal impedance: 75Ω

Nominal outer diameter: .234"

raitivo.	IVIII . Part IVO.	Description	FIICE
234086		100' reel (black)	
234087	1505A-1000-10⊕	1000' reel (black)	. 449.95

RG59 Type Security Coaxial Cable

20 AWG solid bare copper conductor

• 95% bare copper braid shield • Nominal impedance: 75Ω

Foam polyolefin insulation and black UV resistant PVC jacket

Impregnated with CoreGuard® flame retardant flooding compound

Shielded or flooded for use in underground ducts

Surveillance and CCTV applications - Color: black

raitivo.	IVIII . F alt IVO.	Description	FIICE
234158	543945-100-10⊕	100' reel	\$19.95
234160	543945-500-10⊕	500' reel	79.95
734160	543945-1000-10 🗷	1000' reel	179.95

Standard Analog Video Cable 75 Ω Miniature Coax

27 AWG stranded (7x35) .017" bare copper-covered steel

Polyethylene insulation and black PVC jacket

Nominal capacitance: 67.3pF/m

Color: black

• Nominal impedance: 75Ω • Nominal outer diameter: .100

 Part No.
 Mfr. Part No.
 Description
 Price

 734173
 8218-1000-10 ₹
 1000' reel
 \$449.95

BELDEN

Hook-Up Wire - UL/CSA Dual Rated AWM Styles 1007/1569

Applications: Inter-connection circuits, internal wiring of computer and data processing equipment, appliance & automotive. Appliance Wiring Material is Underwriter Laboratories' recognized covering of insulated wire and cable intended for internal wiring of appliances and equipment.

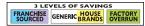
Rated 105°C, 300V; 600V peak for electronic circuits and electrical equipment
 Tinned copper
 PVC insulated
 100' reel



* Web Code: YCS

Mfr. Part No.	AWG	Stranding	Brown P/N	Red P/N	Orange P/N	Yellow P/N	Green P/N	Violet P/N	Gray P/N	White P/N	Black P/N	Dk Blue P/N	1	5	10
9928-100	28	7 x 34	_	734603 🕿	734604 🕿	734605 🕿	234605⊕≎	234607⊕ ↔	_	734610 20	734611 20	_	\$23.35	\$20.55	\$19.88
9926-100	26	7 x 32	734502 🕿	734503 🕿	_	_	734506 🕿	734508 🕿	_	734510 🕿	734511 🕿	734514 🕿	23.85	21.58	18.10
9923-100	24	7 x 32	734402 🕿	734403 🕿	—	734405 ☎ €	734406 ☎♀	_	_	734410 🕿	734411 🕿 🔾	_	24.95	22.95	20.85
9921-100	22	7 x 30	734302 🕿	734303 🕿	734304 🕿	734305 🕿	734306 🕿	734308 🕿	734309 🕿	734310 🕿	734311 🕿	734314 🕿	27.25	26.38	25.53
9919-100	20	7 x 28	734202 🕿	734203 🕿 🔾	—	734205 🕿	734206 🕿	734208 🕿	_	734210 🕿	734211 🕿	734214 ☎0	37.39	35.46	33.69
9918-100	18	16 x 30	734102 🕿	734103 🕿	—	734105 🕿	734106 🕿	_	734109 🕿	734110 🕿	734111 🕿	734114 🕿	44.95	39.95	36.95
9916-100	16	26 x 30	734002 🕿	734003 🕿	734004 🕿	234004⊕≎	734006 🕿	234007⊕≎	734009 🕿	734010 🕿	734011 🕿	734014 🗷	56.65	51.94	43.56

*For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above



Hook-Up Wire & Paired, Speaker Cables



BELDEN Bus Bar Hook-Up Wire

In accordance with performance requirements of Federal Specs. QQ-W343G.

· Solid tinned copper, single conductor

Nominal outer diameter: 24 AWG – .021"; 22 AWG – .026"; 20 AWG – .033"

			,		
Part No.	Mfr. Part No.	Description	1	5	10
734165	8020-100 🗷	20 AWG, 100' reel	\$27.95	\$22.42	\$20.34
734166	8020-1000 🗷	20 AWG, 1000' reel	153.95	146.95	128.95
734167	8021-100 🗷	22 AWG, 100' reel	18.59	16.47	15.44
734169	8022-100 🗷	24 AWG, 100' reel	19.95	19.25	18.61
734170	8022-1000 🗷	24 AWG, 1000' reel	153.95	146.95	128.95

BELDEN

234061

Paired Cable

* Web Code: HCS

Web Code: QCS

Belden paired cables allow balanced signal transmission, which results in lower cross talk through common mode rejection. Due to the improved noise immunity of twisted pairs, they generally permit higher data speeds than other multi-conductor cables.

- · Chrome PVC iacket
- Tinned copper
- Twisted pairs
- Tinned copper drain wire Overall 100% BELDFOIL® shield (for shielded cables)

Audio, Control, and Instrumentation Cable Non-Plenum

22 AWG stranded (7 x 30) shielded with 22 AWG stranded TC drain wire

• Polypropylene insulation • Paper wrap

8451-U1000-10 (+)

- Black PVČ jacket Nominal capacitance: 111pF/m

· NOITIIIa	Touter diameter					
Part No.	Mfr. Part No.	No. of Pairs	Description	1	5	10
733112	8451-100-10 🗷	1	100' reel (black)	. \$26.95	\$25.09	\$24.29
733121	8451-500-10 🗷	1	500' reel (black)	. 118.95	107.79	98.83
734063	8451-U500-10	? 1	500' unreel box (black)	129.95	115.95	105.95
733139	8451-1000-10	? 1	1000' reel (black)	199.95	194.95	189.95

1000' unreel box (blk) 149.95

22 AWG stranded (7 x 30) shielded with 24 AWG stranded TC drain wire

- Polypropylene insulation
 Nominal capacitance: 115pF/m
- Nominal outer diameter: 0.168" Color: chrome

						- 100
Part No.	Mfr. Part No.	No. of Pairs	Description	1	5	10
734180	8723-100-60	2	100' reel	\$38.95	\$36.31	\$35.16
734184	8723-U500-60	? 2	500' unreel box	134.65	132.71	126.08
734181	8723-1000-60	? 2	1000' reel	314.95	299.95	293.89

18 AWG stranded (16 x 30) shielded with 20 AWG stranded TC drain wire

- Tinned copper, twisted pair
- · Color: chrome
- Nominal capacitance: 79pF/m
 Nominal outer dia.: 0.222
- · Polyethylene insulation with chrome PVC jacket

Part No.	Mfr. Part No.	No. of Pairs	Description	1	5	10
734185	8760-100-60	1	100' reel	\$41.99	\$38.99	\$35.99
734186	8760-1000-60	? 1	1000' reel	449.95	424.95	399.95
234187	8760-U1000-60) 1	1000' unreel box .	299.95	Call	Call

22 AWG stranded (7 x 30) shielded with 22 AWG stranded TC drain wire

- · Polyethylene insulation and chrome PVC jacket
- Nominal capacitance: 79pF/m
- Nominal outer diameter: 0.175



Part No.	Mfr. Part No.	No. of Pairs	Description	Price
734191	8761-500-60 🕿	1	500' reel	\$155.95
734193	8761-U500-60 🕿	1	500' unreel box	174.95
734190	8761-1000-60 🕿	1	1000' reel	311.95
734192	8761-U1000-60€	1	1000' unreel box	282.95

Paired Line Level Analog Audio Cable

16 AWG stranded (19 x 29) shielded with 18 AWG stranded TC drain wire

- Nominal capacitance: 75pF/m
- Nominal outer diameter: 0.313
- Polyethylene insulation · Color: chrome
- ➡ Blue Part No. = Limited Quantity Available

Part No.	Mfr. Part No. N	o. of Pairs	Description	Price
234063	8719-U1000-60⊕	9 1	1000' unreel box	\$499.95

Paired Cable (Continued)

* Web Code: HCS

Paired Line Level Analog Audio Cable (Continued)

14 AWG stranded (19 x 27) shielded with 16 AWG stranded TC drain wire · Polyethylene insulation

- Nominal capacitance: 79pF/m · Color: chrome
- Nominal outer diameter: 0.355

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Part No.	Mfr. Part No.	Pairs	Description	1	5	10	
733172	8720-100-60 🗷	1	100' reel	\$69.99	\$65.99	\$60.99	
733190	8720-500-60 🗷	1	500' reel	489.95	439.95	399.95	
234065	8720-U500-60 ⊕	1	500' unreel box	399.95	Call	Call	

20 AWG stranded (7 x 28) with 20 AWG stranded TC drain wire

- · Polyethylene insulation with chrome PVC jacket
- Nominal capacitance: 89pF/m Color: chrome
- · Nominal outer diameter: 0.204

Part No.	Mfr. Part No. No.	of Pairs	Description	Price
734195	8762-100-60 🗷	1	100' reel	\$54.95
234196	8762-500-60⊕	1	500' reel	149.95
734196	8762-1000-60 🗷	1	1000' reel	419.95
234198	8762-U500-60⊕	1	500' unreel box	149.95
234197	8762-U1000-60⊕	1	1000' unreel box	299.95

High-Temperature Control, Instrumentation Cables and Computer Cables

24 AWG stranded (7 x 32) shielded with 24 AWG stranded TC drain wire

- Semi-rigid PVC insulation Nominal DCR: $24\Omega/m$
- Nominal impedance: 75Ω · Color: chrome



9502 Series



9503 Series



9504 Series



9505 Series

Part No.	Mfr. Part No. N	lo. of Pairs	Description	Price
234074	9502-U1000-60	2	1000' unreel box	\$159.95
232506	9503-1000-60⊕	3	1000' reel	399.95
734078	9503-U500-60 ≉	3	500' unreel box	249.95
732515	9504-100-60	4	100' reel	69.95
732523	9504-500-60	4	500' reel	314.95
732532	9504-1000-60≉	4	1000' reel	549.95
732550	9505-100-60₹	5	100' reel	67.95
734080	9505-U1000-60	5	1000' unreel box	643.95

BELDEN

Part No.

Speaker Cables

These speaker cables are used to connect receivers or power amplifiers to speakers & are also used for the internal wiring of the speakers. Belden speaker cables utilize only high-conductivity copper produced by a process called Electrolytic Tough Pitch (ETP). This refining process produces a conductor that is 99.95% pure copper resulting in high-conductivity per ASTM B115.

Electrolytic Tough Pitch (ETP) High Conductivity Copper Speaker Cables

- · 2-conductor stranded
- · Clear PVC jacket
- · Parallel (1) tinned (1) bare

Mfr. Part No.

PVC insulation

Description

18 AWG Stranded (16 x 30)

734081	9708-U1000-368 ≉	1000' unreel box	9.95			
14 AWG S	Stranded (19 x 27)					
732603	9717-100-368	100' reel\$7	8.59			
233429	9717-500-368⊕	500' reel	9.95			
232611	9717-1000-368 🕀	1000' reel	9.95			
12 AWG Stranded (65 x 30)						
232629	9718-100-368⊕	100' reel\$6	9.95			
232637	9718-500-368	500' reel	9.95			
232645	9718-1000-368 🕀	1000' reel	9.95			



🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.



Flat Ribbon Cable



BELDEN

22

Multi-Conductor Cable

*Web Code: TCS

Standard 10-color repeat sequence Stranded copper wire

JAMECO ValuePro

Volt. rating: 300V

* Web Code: WCF • Center spacing: 0.05"

25'......**49.95**

EXCLUSIVE

\$2.75 8.25 25.10 4.75 13.29 44.37

7.25 13.99 54.00 8.39 16.38 63.69 9.99

88.90

12.49

27.37

96.45

14.49

39.95

132.11

Multi-Conductor Audio, Control & Instrumentation Cables Non-Plenum 22 AWG stranded (7 x 30) shielded with 22 AWG stranded TC drain wire

· Polyethylene insulation Nominal capacitance: 75pF/m Nominal outer diameter: 0.199"

· Color: chrome



Part No. Mfr. Part No.	Conductors	Description		5	10
733235 8771-100-60	? 3	100' reel	\$34.99	\$29.99	\$27.99
733243 8771-500-60	? 3	500' reel	199.95	193.95	186.95
733252 8771-1000-6	0 🗷 3	1000' reel	361.85	330.81	320.52
734068 8771-U500-6	50 ≈ 3	500' unreel box .	155.95	147.95	139.76

Multicolor Cable — 28AWG (7 x 36)

· Prepackaged and priced in increments listed below

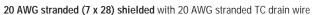
Cross Ref. No. Conductors Length



art No.	IVIII . Part IVO.	Conductors	Description	l l	<u> </u>	10	639672	28RC10-10 🕿	10	10'	\$3.55	\$3.09	
733235	8771-100-60 🕿	3	100' reel	\$34.99	\$29.99	\$27.99	643508	28RC10-25 %	10	25'		9.15	
733243	8771-500-60 🗷	3	500' reel	199.95	193.95	186.95	643516	28RC10-100 2	10	100' reel		27.69	
733252	8771-1000-60	₹ 3	1000' reel	361.85	330.81	320.52	643532	28RC16-10 2	16	10'		4.99	-
734068	8771-U500-60	? 3	500' unreel box .	155.95	147.95	139.76	643541	28RC16-25 2	16	25'		14.75	
							643559	28RC16-100 2	16	100' reel		49.30	
	stranded (7 x 30	,	ed			00000	643575	28RC20-10 🕿	20	10'		7.75	Ħ
PVC ins	sulation • Cold	or: chrome			8442 Ser	ioc	643583	28RC20-25 🕿	20	25'	16.99	15.49	
					0442 361	162	643591	28RC20-100 🕿	20	100' reel	64.85	60.50	
100	A STATE OF THE PARTY OF	100	Name and Address of the Owner, where			Name of	643612	28RC25-10 🕿	25	10'	9.35	8.89	Ī
		PERSONAL PROPERTY.					643621	28RC25-25 🕿	25	25'	22.99	21.84	
84	43 Series		8444 Series		8445 Ser	ies	643639	28RC25-100 🕿	25	100' reel	70.29	67.05	Ī
	Mfr. Part No.	Conductors		1		10	643655	28RC34-10 🕿	34	10'	10.99	10.49	
Part No.		Conductors	Description		5		643671	28RC34-100 🕿	34	100' reel	98.55	93.58	
732996	8442-100-60	_		\$23.99	\$22.30	\$20.55	643698	28RC40-10 🕿	40	10'	15.49	13.99	Ī
733008	8442-500-60	2	500' reel	95.95	91.09	86.03	643701	28RC40-25 🕿	40	25'	49.49	36.49	

Call

Pa 73 73 734055 8442-11500-60 🕿 2 500' unreel box 101.95 86.66 76.46 733016 8442-1000-60 🕿 2 1000' reel 176.49 168.59 156.60 734054 8442-U1000-60 🕿 1000' unreel box .. 179.95 160.95 141.25 733024 100' reel 32.79 30.99 29.47 8443-100-60 🕿 500' reel 138.25 733032 8443-500-60 🗷 3 131.00 123.78 500' reel 125.15 734057 8443-500-60 🗷 3 Call Call 8444-100-60 🗷 4 100' reel 42.99 37.34 31.94 733059 500' reel 185.95 8444-500-60 🗷 165.95 149.95 733067 734059 8444-U500-60 🕿 500' unreel box 189.95 169.95 149.95 1000' reel 149.95 233074 8444-1000-60 Call Call 733083 8445-100-60 🕿 100' reel 53.59 48.65 41.81 500' unreel box 232.95 734061 8445-U500-60 **2** 5 218.60 211.65 733104 5 1000' reel 401.95 8445-1000-60 🕿 383.67 364.49 1000' unreel box .. 374.65 234059 8445-U1000-60⊕ 5



- · Polyethylene insulation & chrome PVC jacket
- Nominal outer diameter: 0.218
- Color: chrome



234253 8772-U500-60⊕ 500' unreel box .. \$172.45 \$156.81 \$143.72 18 AWG stranded (16 x 30) shielded with 20 AWG stranded TC drain wire

- · Polyethylene insulation
- Nominal canacitance: 70nE/m

	outer diameter		Color: chrome	-	-	
Part No.	Mfr. Part No.	Conductors	Description	1	5	10
733201	8770-100-60	3	100' reel	\$59.99	\$54.99	\$49.99
733227	8770-1000-60	2 3	1000' reel	528.95	503.08	479.12
234082	8770-U1000-60	3	1000' reel	219.95	209.95	199.95

22614

22702

643719

643735

643743

643751

Insulation: polyvinyl chloride (PVC)

28RC40-100 R

28RC50-10 2

28RC50-25 🕿

28RC50-100 2

Gray Cable — 28AWG (7 x 36)

40

50

50

50

VBX	1750		
		-	

17.99

97.10

15.99

45.95

146.75

 Single e 	edge red stripe t	for pin 1 orie	entation			
Part No.	Cross Ref. No.	Conductors	Length	1	25	50
643794	171-10-10 🗷	10	10'	\$2.39	\$2.29	\$2.19
643807	171-10-25 🕿	10	25'	5.49	5.25	4.99
643815	171-10-100 🕿	10	100' reel	15.95	15.25	14.55
643831	171-16-10 🗷	16	10'	3.85	3.68	3.52
643840	171-16-25 🗷	16	25'	8.79	8.39	7.99
643858	171-16-100 🕿	16	100' reel	26.39	25.70	25.00
643874	171-20-10 🗷	20	10'	4.79	4.59	4.39
643882	171-20-25 🕿	20	25'	10.99	10.49	9.99
643891	171-20-100 🕿	20	100' reel	36.79	33.16	29.83
643911	171-25-10 🗷	25	10'	5.99	5.75	5.49
643920	171-25-25 🕿	25	25'	13.75	13.15	12.49
643938	171-25-100 🕿	25	100' reel	45.89	39.50	37.55
643962	171-26-10 🗷	26	10'	6.25	5.99	5.72
643971	171-26-25 🕿	26	25'	14.29	13.65	12.99
643989	171-26-100 🕿	26	100' reel	37.85	35.95	34.15
644033	171-34-10 🗷	34	10'	8.15	7.82	7.48
644041	171-34-25	34	25'	18.69	17.85	16.99
644050	171-34-100 🕿	34	100' reel	49.89	47.39	45.03
644076	171-37-10 🗷	37	10'	8.89	8.51	8.14
644084	171-37-25 🕿	37	25'	15.65	14.89	14.15
644092	171-37-100 🕿	37	100 reel	53.95	51.75	38.81
644113	171-40-10 🗷	40	10'	12.85	11.45	8.59
644121	171-40-25 🕿	40	25'	25.85	23.99	22.79
644130	171-40-100 🕿	40	100' reel	62.79	59.65	56.65
644156	171-50-10 🗷	50	10'	8.99	8.49	7.99
644164	171-50-25 🕿	50	25'	19.35	18.29	17.35
644172	171-50-100 🕿	50	100' reel	69.89	66.35	62.99
644199	171-60-10 🗷	60	10'	11.99	11.35	10.75
644201	171-60-25 🕿	60	25'	26.35	24.99	23.75
644210	171-60-100 🕿	60	100' reel	91.39	85.60	64.20

Kynar™ Wire-Wrap Wire – 30 AWG

- Assorted color coded insulation · Used for prototyping
- Color coded Kynar™ (Polyvindene Fluoride) insulation
- Silver plated copper (solid conductor)
 UL 1423

Green 2 6.29

- Temperature: -40°C to +125°C
 Passes UL VW-1 flame test · See pg 72 for sockets
- Wire wrap tools, pg 147

Part No.

22542

22577

22631

22665

22606

22700

100 ft. Part No. Blue **2**\$6.09 22551 Blue ₹\$43.49 Black ₹ 6.99 22585 Black**₹** 46.95 Red 2 43.49 Red **2** 6.29 22649 White ₹6.59 22673

Green₹43.49

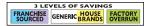


* Web Code: NAC

- · Insulation material: 7mm polyvinyl chloride (PVC) gray
- Capacitance: 31pF/m Insulation resis.: $100M\Omega$

Part No.	Mfr.	Cross Ref.	Length	1	10	25
363813	Various	H24G-10-10s	10'	\$10.79	\$10.19	\$9.59

* For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



3 LEVELS OF SAVINGS RANCHISE GENERIC HOUSE FACTORY OVERRUN

IAMECO

EXCLUSIVE

JAMECO ValuePro UL 1007 Stranded Hook-Up Wire

- Voltage: 300V
- PVC insulation

· Sold in 100' rolls

• CSA: TR-64 • 80°C Temperature range: -40°C to +80°C







*	Web	Code:	JAS
	C	olor	

Part No.	Cross Ref.	AWG	Color	1	5	10
126085	UL1007-22-BK-C ₹	22 (7x30)	Black	\$4.95	\$4.59	\$3.95
126034	UL1007-22-RD-C ₹	22 (7x30)	Red	4.95	4.59	3.95
126077	UL1007-22-WH-C ₹	22 (7x30)	White	8.95	7.95	6.95
310852	UL1007-22-GR-C ₹	22 (7x30)	Green	8.95	7.95	6.95
310878	UL1007-22-YL-C ₹	22 (7x30)	Yellow	8.95	7.95	6.95
310886	UL1007-22-BL-C ₹	22 (7x30)	Blue	8.95	7.95	6.95
125840	UL1007-20-BK-C⊕	20 (10x30)	Black	10.95	9.95	8.95
125795	UL1007-20-RD-C 🕿	20 (10x30)	Red	10.95	9.95	7.45
125831	UL1007-20-WH-C ⊕	20 (10x30)	White	10.95	9.95	8.95
310894	UL1007-20-GR-C 🕿	20 (10x30)	Green	10.95	9.95	8.95
310915	UL1007-20-YL-C ₹	20 (10x30)	Yellow	10.95	9.95	8.95
310922	UL1007-20-BL-C ⊕	20 (10x30)	Blue	10.95	9.95	7.45
125787	UL1007-18-BK-C ₹	18 (16x30)	Black	13.95	12.95	11.95
125736	UL1007-18-RD-C 🕿	18 (16x30)	Red	13.95	12.95	11.95
125752	UL1007-18-WH-C ₹	18 (16x30)	White	13.95	12.95	11.95
310932	UL1007-18-GR-C 🕿	18 (16x30)	Green	13.95	12.95	10.95
310949	UL1007-18-YL-C	18 (16x30)	Yellow	13.95	12.95	11.95
310958	UL1007-18-BL-C ₹	18 (16x30)	Blue	13.95	12.95	11.95



UL 1430 Stranded Hook-Up Wire

· Temperature rating: 105°C

 Voltage: 300V 18/20 AWG

Average wall thickness: 0.016

· Sold in 100' rolls



Part No.	Gauge	Color	Strands	Dia. (in.)	Dia. (mm)	Price
305015	180	Orange	7 x 26	0.082	2.083	\$9.99
305023	18	Yellow	7 x 26	0.082	2.083	9.99
304987	20	Gray	7 x 28	0.070	1.778	8.99
304979	20	Blue	7 x 28	0.070	1.778	8.99
305007	20	Gray	9 x 32	0.071	1.803	8.99

Solid Hook-Up Wire – 22 AWG

Web Code: PAF

- Temperature range: -55°C to +105°C
- · Passes UL VW-1 flame test
- · MIL-W-16878D type B

For use with breadboards such as the JE20 series, pg 160

	Cross				Cross
Part No.	Ref. No.	Color	100 ft.	Part No.	Ref. No.
36768	122BE/C ≉	Blue			122BE/K

Part No.	Ref. No.	Color	100 ft.	Part No.	Ref. No.	Color	1000 ft.
36768	122BE/C ₹	Blue	. \$6.99	36776	122BE/K 🕿	Blue	\$59.99
36792	122BK-R/C ₹	Black	6.99	36805	122BK/K ₹	Black	59.99
36822	122G-R/C ≉	Green	6.99	36840	122G/K ≉	Green	59.99
36856	122R/C ≈	Red	6.99	36864	122R/K 🕿	Red	59.99
36881	122W-R/C ₹	White	6.99	36899	122W/K ≉	White	59.99
36920	122Y/C ₹	Yellow	6.99	36928	122Y/K 🕿	Yellow .	59.99

JAMECO ValuePro

Twisted Paired Cable - 24 AWG

- · PVC insulation
- Reduced EMI
- · Use for hook-up wire

Cross

Ref. No.

Stranded tinned wire (7 x 32)

Color

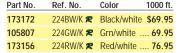
224GW/C **₹** Grn/white

224RW/C Red/white

224BW/C ₹ Black/white .. \$9.89







This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.

100 ft.

Multiconductor Shielded Computer Communication Cable – 24 AWG

Stranded copper wire, multi-colored insulation

Insulated with polyvinyl chloride (PVC) Voltage rating: 300V

Color: gray Drain wire

* Web Code: JCG

24 AWG (7 x 32 AWG)
 Shielded 100% w/ aluminum mylar

· Prepackaged and priced in increments listed below

Part No.	Cross Ref. No.	Conductors	Diameter	Length (ft.)	1	25
644391	SC4-100 ₹	4	0.20"	100	\$24.95	\$22.49
644404	SC4-1000₹	4	0.20"	1000	176.39	167.57
644412	SC9-25 ₹	9	0.23"	25	14.95	12.95
644421	SC9-100 ₹	9	0.23"	100	43.49	39.95
644439	SC9-1000₹	9	0.23"	1000	373.55	354.92
644447	SC15-25₹	15	0.28"	25	27.45	23.95
644455	SC15-100₹	15	0.28"	100	61.69	54.95
644463	SC15-1000₹	15	0.28"	1000	515.99	386.99
644471	SC25-25₹	25	0.37"	25	26.65	20.03
644480	SC25-100₹	25	0.37"	100	89.95	84.95
2006377	SC25-500₹	25	0.37"	500	560.49	560.49
644498	SC25-1000 ₹	25	0.37"	1000	947.55	710.65

Modular Telephone Cable – 28 AWG

- Color coded conductors
- · Flat modular cable Grav

 7 x 43 stranded PVC jacket

*Web Code: LCG

58.95

IAMECO

1

* Web Code: KCG

EXCLUSIVE

Part No Cross Ref. No. Conductors Length (ft.) 50 \$47.81 300-840SL-1000 1000 \$51.99 \$43.95 644674 644691 300-860SL-100 8.99 7.31 6 100 644703 300-860SL-1000 1000

Category 5e/5 Network Cable

 Insulation: polyethylene 4 twisted pairs

Nominal OD.: 0.189" • Nominal impedance: 100Ω Solid: uses modular plug P/N 119343, pg 56

Stranded: uses modular plug P/N 79281, pg 56 · Prepackaged and priced in increments listed below

24 AWG UTP Category 5e Enhanced – 350MHz

Part No.	Cross Ref. No.	Description	Color	Length (ft.)	1	25
644551	10X5-701TH-100 ₹	Solid	Gray	100	\$15.95	\$14.49
644560	10X5-701TH-1000 ₹	Solid	Gray	1000	115.95	104.95
645731	10X5-704TH-1000 ₹	Solid	Blue	1000	115.95	104.95
644586	10X5-801TH-100	Stranded	Gray	100	25.89	23.32
644594	10X5-801TH-1000 ₹	Stranded	Gray	1000	199.99	179.99
644607	10X5-804TH-25	Stranded	Blue	25	5.75	5.39
644615	10X5-804TH-100	Stranded	Blue	100	29.95	26.95
644623	10X5-804TH-1000 ₹	Stranded	Blue	1000	209.95	199.49
645765	10X5-805TH-1000	Stranded	Red	1000	191.99	172.79
645790	10X5-802TH-1000 ₹	Stranded	Black	1000	175.95	143.99

24 AWG UTP Category 5 - 100MHz

7/32 AWG

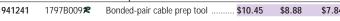
Part No.	Cross Ref. No.	Description	Color	Length (ft.)	1	25
644631	GTP501-4P-GR-25	Stranded	Gray	25	\$7.15	\$6.49
644640	GTP501-4P-GR-100	Stranded	Gray	100	24.95	22.49
645773	10X5-802TH-25	Stranded	Black	25	5.59	5.31
645781	10X5-802TH-100	Stranded	Black	100	17.99	16.19

BELDEN

Bonded-Pair Cable Prep Tool

The bonded-pair cable preparation tool make it faster and easier to prepare cables for connector termination. This tool is ideal for use with Belden's IBDN's DataTwist® 350 bonded pair cables, providing special features that help separate twisted pairs. It can also be used to prepare any unbonded-pair cable for installation.







Part No.

173164

105912

173148



BELDEN **Enhanced Category 5e Cable**

DataTwist® 5e+ UTP cable is engineered specifically to perform well beyond Cat 5e requirements per ANSI/TIA/EIA-568-B.2. Performance is guaranteed to 350MHz. This is



the next generation of cable technology providing performance headroom, allowing the structured cabling system to deliver performance even when unforeseen circumstances arise.

PVC Jacket (CM) - Non-Plenum

Part No.	Mfr. Part No.	Color	Length	1	5	10				
1942032	1500A0061000 2	Light blue	1000' reel	\$170.15	\$160.72	\$152.61				
1942059	1500A0091000 ≉	White	1000' reel	170.15	160.72	152.61				
Flamarres	Flamarrest Jacket (CMP) – Plenum									
1942104	1501AD151000 ≈	Blue	1000' reel	\$341.25	\$322.29	\$305.19				
1942121	150A0091000 ≈	White	1000' reel	341.25	322.29	305.19				

DataTwist® 350 provides the user with superior electrical performance both "on-the reel" and in the wall. Ensures superior installable



performance by utilizing the patented bonded pair design. They exceed the full range of industry performance criteria, both electrically and physically. Datatwist 350 Enchanced Category 5e cable sets a new precedent for cabling with confidence.

PVC Jacket (CM) - Non-Plenum

Part No.	Mfr. Part No.	Color	Length	1	5	10				
1941857	1700A0061000 ≈	Light blue	1000' reel	\$196.39	\$171.49	\$157.21				
1941881	1700A0091000 ≈	White	1000' reel	196.95	175.95	169.95				
Flamarrest Jacket (CMP) – Plenum										
1941945	1701AD151000 ≈	Blue	100' reel	\$357.69	\$319.67	\$309.81				
1941970	1701A0091000 	White	1000' reel	410.69	387.84	364.29				

JAMICCO ValuePro 2-Conductor Power/Speaker Cable – 24 AWG

- Black wire with white polarity stripe
- Temperature rating: 20°C to 60°C
- Stranded copper wire (7 x 32)

 Operat 	ing voltage: 300V	JVIZII I DX X					
Part No.	Product No.	Length	CAULUUITC	1	10	25	
100280	CAR45B-100 ₹	100'	\$7.	.95	\$7.25	\$6.49	
100299	CAR45B-1K ≈	1000'	51.	.99	46.69	41.25	

RG Type Bulk Coaxial Cable

★ Web Code: VAL

IAMECO

For ethernet, oscilloscopes

RG58/U & RG58A/U (50Ω): Nominal capacitance: 27pF/ft.;



center resistance: 10.4Ω/1000ft. @ 77°F RG59/U(75Ω): • Nominal capacitance: 56.7pF/m. RG174/U (50Ω):

Web Code: MCG

Nominal capacitance: 30.8pF/ft.; center resistance.: 97Ω/1000ft. @ 77°F

Part No.	Product No.	Туре	Description	Length	1	25	50
644754	RG58/U-100	RG58/U	20 AWG solid	100'	\$14.39	\$13.67	\$12.95
644762	RG58/U-1000	RG58/U	20 AWG solid	1000'	130.19	110.66	97.64
644771	10X1-041TH-100	RG58A/U	20 AWG stranded	100'	23.75	22.49	21.35
644797	RG59/U-100	RG59/U	22 AWG solid	100'	16.05	13.64	12.04
644800	RG59/U-1000	RG59/U	22 AWG solid	1000'	90.89	90.50	89.99
644818	RG174/U-100	RG174/U	26 AWG stranded	100'	23.75	20.19	15.14
644826	RG174/U-1000	RG174/U	26 AWG stranded	1000'	327.95	311.55	233.65



10' Fiber Optic Cable

1000µm core jacketed plastic fiber optic cable (10')



205655



Computer Cables

Disk Drive & SCSI Cables



32918: 34-pin header socket ★ Web Code: TAE ribbon cable for floppy to card

185076: 40-pin IDE hard drive cable to card 32715: 50-pin header socket ribbon cable SCSI-I

Part No.	Lengin		10	100
32918	23"\$.	.58	\$.53	\$.47
185076	14" 2.	.95	2.49	1.95
32715	18" (Jameco VP) 4.	.29	3.68	2.76

AT/ATX Power Supply Extension Cable

- · For use with ATX power supplies
- 20-pin ATX male and female connectors
- Color coded to ATX nower supply

Part No.	Length	AWG	1	10	100
170238	15" %	18	. \$8.95	\$7.95	\$6.95

3.5" & 5.25" Disk Drive **Power Splitters and Adapters**

· IBM PC/XT and higher compatibles 28354/277528/72304: Splits 4-line Molex male into 2 females



28397: 4	28397: 4-line Molex male to Temale					
Part No.	Drive	AWG	Length	1	10	100
28354	5.25"2	18	5"	. \$3.15	\$2.67	\$2.04
277528	5.25"	20	6"	1.95	1.75	1.49
72304	3.5"2	22	5"	4.29	3.90	2.95
28397	3.5"	22	3.5"	4.95	3.95	2.95

JAMECO ValuePro PS/2 Adapter Cables * Web Code: HAE

6-pin mini DIN

177261: Male to male non-coiled cable for P/N 79177

switch box (see web) 174772: Male to male

174908/205655: Male to male non-coiled

28549/111053: Female to male non-coiled

112628: Male to male non-coiled cable for P/N 79177

switch box (see web)

Part No.	Length	Color	1	10	100
177261	2'	Gray	\$1.95	\$1.75	\$1.55
174772	6'	Black	3.95	2.95	2.49
174908	6'⊕	Gray	5.75	5.15	4.65
28549	6" ?	Beige	4.75	4.35	3.95
111053	10"⊕	Beige	5.49	4.99	4.39
112628	10'₹	Beige	7.95	7.25	5.95
205655	25'	Beige	8.95	7.95	5.96

AT-to-PS/2 and PS/2-to-AT **Keyboard Adapter Cables**

28003:

 Connect AT type keyboards to PS/2

 5-pin female DIN to 6-pin male mini DIN

310789:

· Connect to PS/2 keyboard to AT

· 6-pin female mini DIN to 5-pin male DIN connector

Part No.	Length	Color 1	10	100
28003	6.5"	Beige \$1.25	\$1.19	\$1.13
310789	7.5"	Beige 5.15	4.52	4.08

Macintosh® Printer and **Keyboard Cables**





Part No.	Mfr.	Description	1	10	50
10604	Jameco VP	6' DIN8M	\$3.95	\$3.49	\$3.05
130025	Jameco VP	10' DIN8M 🕿	5.99	5.09	4.49
1944994	Various	40" DIN8M w/ E	EMI 2.9 5	2.49	2.25

Serial Null Modem Cables

· Molded type ★ Web Code: ABE connectors · Color: gray

181404/180698 Pin outs: 1 & 6-4, 2-3, 3-2, 4-6 & 1, 5-5, 7-8, 8-7

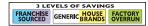
181438 Pin outs: 2-2; 3-3; 5 & 20-6 & 8 (Serial printer null modem) 180582 Pin outs: 2-2; 3-3;

4-5 & 6; 5-7; 6 & 8-20; 7-8; (Serial printer null modem) 180742 Pin outs: 1-4 & 5;

2-2; 3-3; 4-6; 5-7; 6-20; 7-8; 8-8

Part No. Mfr. Description 10 181404 Jameco VP 6' DB9 F to DB9 F ₹\$5.69 \$5.09 \$4.59 Jameco VP 10' DB9 F to DB9 F ₹ 6.79 180698 6.09 181438 Various 6' DB25 M to DB9 F 5.95 5.49 4.95 Jameco VP 10' DB25 M to DB9 F 6.69 180582 6.05 5.45 180742 Jameco VP 10' DB25 F to DB9 F .. 7.39

^k For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



180698

180582

180742

3 LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE OVERRUN

DB9-Pin Test Cable

- DB9 M to DB9 F (6')
- Pin outs: 1-3, 2-2, 4-5

Part No. Description 162915 DB9 male to DB9 female \$.55 \$.50



DB9-to-DB25 AT-Adapter Serial Cables

· For DB9 serial ports which need to be converted to DB25 serial

AT and compatibles

 Molded DB9 female to DB25 male connectors



155352

* Web Code: NAV

Part No.	Description	1	10	100
109584	1' serial, beige 🗷	\$3.49	\$2.95	\$2.49
189333	3' serial, beige	3.95	3.39	2.55
31722	6' serial, beige 🗷	4.95	4.49	3.95
1945575	6' serial, gray	4.49	3.95	2.95
155522	10' serial, beige 🗷	5.95	4.95	4.25

Ribbon Cable Assemblies

- Metal connector ★ Web Code: VAA
- 105°C rating

- 28 AWG flat cable 300V rating

	ted contacts
Part No.	Description

	ated contacts	9	1	2408
Part No.	Description	1	10	100
12408	4' DB25 M-F ₹	\$5.25	\$4.46	\$3.49
208582	6' DB9 M-F (Jameco VP)₹	4.99	4.49	3.99

DB25-to-Centronics Parallel Printer Cable

155352: USB-A Male to 36-pin Male Centronics

- Full compliance with USB spec Ver. 1.
- · Applicable to standard and bidirectional printers
- 28716: DB25 Male to
- 36-pin Male Centronics IBM PC/XT and higher compatibles

	orrer and ingitor companion		
Part No.	Description	1	10
155352	6' 36-pin Centronics to USB	\$12.95	\$11.49
28716	6' 36-pin Centronics to DB25	4.95	4.49

USB-to-DB9 Serial Adapter A variety of cable lengths are

- · USB-A to DB9 male
- Length: 13"
- Supports automatic handshake mode
- Over 230kbps data transfer rate 96 byte buffer each for
- upstream and downstream data flow · Works with cellphones, PDA,
- digital cameras, modems and ISDM terminal adapters

ISDN 10	arrilliai adapters		
Part No.	Description	1	10
387954	USB-A to DB9 ₹	\$18.95	\$16.95

RGB Video Cable

- 75Ω coaxial cable
- · Length: 6'
- Pin 1 red, pin 2 green, pin 3 blue, pin 14 white/black vertical, pin 13 gray horizontal
- 5 BNCs to HDDB15-pin male Color: black
- Part No. 73648 RGB video cable \$19.95 \$16.96 \$12.74

Computer Cables













JAMECO ValuePro

Extension Cables * Web Code: CCS · All lines connected straight through Description 100 Part No. Length (ft.) Color 10 2075971 DB9 male-to-female w/ thumbscrews & filter, w/ green connectors 6 Black \$3.49 199639 DB9 male-to-female w/ thumbscrews 2 Black 5.25 4.59 4.06 6 25701 DB9 male-to-female w/ thumbscrews ₹ 6 6.19 4.79 148516 DB9 male-to-female w/ thumbscrews ₹ 10 7.25 6.39 DB9 male-to-male ₹ 181666 10 6.67 5.97 181286 DB15 male-to-male ⊕ Gray 6.59 6 5.94 5.34 181359 DB15 male-to-female R 5.49 4.95 4.45 Gray 6 HDDB15 male w/ thumbscrews to female w/ hex nuts ₹ 134042 6 Beige 4.55 3.95 66165 HDDB15 male-to-female w/ thumbscrews ⊕ 6 6.95 6.09 148532 HDDR15 male-to-female w/ thumbscrews 2 10 Beige 8.95 7.95 6.59 HDDB15 male-to-male ₹ Beige 7.79 66174 6 7.07 6.35 148523 HDDB15 male-to-male ⊕ 10 Beige 6.35 5.69 5.15 174001 DB25 male-to-male w/ thumbscrews ⊕ 3 Black 5.09 4.61 4.12 6.39 401138 DB25 male-to-male w/ thumbscrews ₹ 3 Gray 6.12 5.75 65788 DB25 male-to-male w/ thumbscrews 2 7.07 6.35 6 39538 DB25 male-to-male w/ thumbscrews 10 Gray 6.95 6.29 5.04 179979 DB25 male-to-male w/ thumbscrews 15 6.99 6.49 67070 DB25 male-to-male w/ thumbscrews ⊕ 25 9.95 8.92 180435 DB25 male-to-male w/ thumbscrews 50 14.55 11.65 164291 DB25 male-to-female w/ thumbscrews & 3 3.89 4.29 175291 DB25 male-to-female w/ thumbscrews ? 3 Black 3.75 2.89 67257 DB25 male-to-female w/ thumbscrews ? 6 7.65 6.95 6.99 39511 DB25 male-to-female w/ thumbscrews & 10 7.49 177279 DB25 male-to-female w/ thumbscrews 15 Gray 9.95 8.95 7.95 101996 DB25 male-to-female w/ thumbscrews ? 25 11.49 10.49 181201 DB25 male-to-female w/ thumbscrews 50 20.99 17.65 13.25 Gray 6.75 224267 DB25 female-to-female w/ thumbscrews 2 6 Gray 9.35 8.45 181295 DC37 male-to-female 2 Gray 5.95 5.06 3.80 Serial Cables

1/100:400	Cabla					
196366	DB9 female-to-female w/ thumbscrews ₹	10	Beige	7.45	6.67	5.97
132346	DB9 female-to-female w/ thumbscrews ₹	6	Beige	\$4.95	\$4.49	\$3.95

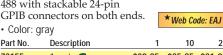
170300	DB7 Terriale to Terriale W/ trial D3CTeW3 A	10	Deige	0.07	3.71
Monitor	r Cable				
66157	DB9 male-to-male w/ thumbscrews	6	Beige	\$4.58	\$3.44

IEEE 488 Cables

offered to ensure that IEEE system requirements are met (20 meters max. length with a maximum of 15 devices). These cables are standard IEEE 488 with stackable 24-pin



· Color: gray





Part No.	Description	1	10	25
73155	1 meter ₹	\$39.95	\$35.95	\$31.95
115782	2 meter ₹	41.95	36.95	32.95
115802	4 meter ≉	45.95	39.06	34.46

JAMECO ValuePro USB-A Cable w/ Bracket

- · Supports data transfer
- rates of 12Mbps
- Allows connection of two devices
- Dual USB-A female connectors
 8" long

		0	
Part No.	Description 1	10	25
144813	Female panel mount \$4.25	\$3.75	\$3.25
319652	Male panel mount 2.95	2.65	2.25

High Speed USB Extender Cable

An active device where the USB signals going in and out of the extension cable are buffered to assure signal quality and adherence to electrical and timing specs.



- Full compliance with USB spec Ver. 2.0/1.1
- Supports 480Mbit/s high speed 12Mbit/s full speed, and 1.5Mbit/s low speed serial data communication
- One upstream port and one downstream port Windows® 98 & higher or Mac® OS compatible
- Supports plug & play and hot-swap functions
- USB-A male to USB-A female
- Bus power mode Length: 16 ft.

Part No.	Product No.	Description	1	10
1919174	10U2-24116 ₹	Extender cable	\$18.95	\$17.95

USB Gender Adapter

- · USB-A female to USB-A female
- Dimensions: 1.5"L x 0.7"W



🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.





USB 2.0 Cables USB-A (M) to USB-A (M) to USB-A (M) to

USB-A (M) USB-B (M)

- · Higher transfer rate up to 480Mbps
- · Backward compatible with USB 1.1 products

USB-A Male to USB-A Male		~ Web Code: NAV		
Part No.	Description	1	10	25
326474	3' cable beige 🗷	\$2.05	\$1.85	\$1.65
229682	6' cable beige 🗷	2.25	2.05	1.85
222033	6' cable black	2.05	1.85	1.65
229690	10' cable beige⊕	2.55	2.29	2.09
222050	15' cable black	3.25	2.95	2.65
229577	15' cable clear	3.25	2.95	2.65

USB-A Male to USB-B Male

Part No.	Description	1	10	25
229711	3' cable beige₹	\$1.95	\$1.75	\$1.55
222608	3' cable black 🗷	1.75	1.59	1.39
229585	3' cable clear	1.75	1.59	1.39
229730	6' cable beige₹	1.95	1.75	1.55
222010	6' cable black₹	1.95	1.75	1.55
229594	6' cable clear 🗷	1.95	1.75	1.55
229738	10' cable beige 🗷	2.35	2.15	1.95
222018	10' cable black 🗷	2.35	2.15	1.95
229607	10' cable clear 🗷	2.35	2.15	1.95
229762	15' cable beige 🗷	3.05	2.75	2.49
222026	15' cable black 🗷	3.05	2.75	2.49
229614	15' cable clear⊕	3.05	2.75	2.49

USB-A Male to USB-A Female

Part No.	Description	1	10	25
326482	3' cable beige 🗷	\$1.95	\$1.75	\$1.55
229771	6' cable beige 🗷	2.05	1.85	1.65
222068	6' cable black	2.05	1.85	1.65
229623	6' cable clear 🗷	2.05	1.85	1.65
229789	10' cable beige ₹	2.45	2.25	1.99
222076	10' cable black	2.45	2.25	1.99
229797	15' cable beige ₹	3.05	2.75	2.49
222084	15' cable black	3.25	2.95	2.63
229649	15' cable clear⊕	2.95	2.69	2.39

USB-A Male to Mini, 5-Pin

· For use w/ digital cameras, memory card readers, etc.

Part No.	Product No.	1	10	50
2081481	5'6" cable black	\$2.25	\$1.95	\$1.65
673694	6' cable black 🗷	2.75	2.45	2.25

JAMECO ValuePro **DVI Cables**

Digital Video Interface (DVI) provides a high-speed digital connection for visual data types that are display technology independent. The DVI specifications meet the needs of all segments of the PC industry and will enable these different segments to unite around one monitor interface standard.



1944257: DVI male analog to HD15 male VGA 320346/1944265: DVI male digital to DVI male digital

Part No.	Description	1	10	25
1944257	DVI to VGA 2 meters 🗷	\$10.95	\$9.95	\$8.95
320346	Single link 2 meters	7.95	7.15	6.45
1944265	Dual link 3 meters 2	16.95	15.25	13.75

USB Link Adapters

- · Easy file sharing and data transfer between PCs via USB
- Length: 6 ft.

USB-A (F)

- Full compliance with USB specification V1.1 and 2.0
- Supports two-way data transfer
- Supports suspend & resume power management



1944556: Vista for Easy File Transfer

- designed to work with Windows Easy Transfer, a new feature on Windows® Vista.
- Supports data transfer up to 480Mbps

Requirements: Intel® Pentium® 1GHz or faster, 128MB RAM or higher, USB 2.0 port, Windows® XP/Vista

1944548: Host to Host for Easy File Sharing

- Suitable for mobile PC and SOHO environment
- High speed performance with data transfer rate of over 15Mbytes/sec.

Requirements: Pentium® 233MHz or faster, 64MB of RAM, USB 2.0 port, Windows® 98SE/ME/200/XP

Part No.	Cross Ref.	1	10
1944556	AN2230 ₹	\$21.95	\$19.75
1944548	AN2210 ≉	21.95	19.75

USB 2.0 Active Repeater Cable

This is an active repeater cable and not a passive extension cable for connecting USB devices to your computer. The repeater cable regenerates the USB signal for maximum reliability and performance over extended distances at maximum transfer rates of 480Mbps.

- · Repeater cable length: 5m (16.4 ft.)
- · Cascaded up to 5 to extend distance to 25m (81 ft.) between USB device and computer
- · Regenerate the USB signal for maximum reliability and performance over extended distances

Requirements: Desktop or laptop with available USB port, Windows® 98SE/ME/2000/XP/Mac X

2075840 AR2500 ₹\$14.65 \$13.99	Part No.	Cross Ref.	1	10
	2075840	AR2500 ≉	\$14.65	\$13.99



- · IEEE-1394 compliant
- UL approved
- · Length: 6' · Male to male

Clear

Part No.	Cross Ref.	Description	1	10	25
1943633	10E4-940-06-C ₹	9-pin/4-pin \$1	5.95	\$14.35	\$12.95
1944126	10E4-960-06-C ≈	9-pin/6-pin 1	5.95	14.35	12.95
1944134	10E4-991-06-C ₹	9-pin/9-pin 1	7.45	15.95	13.95

Black

Part No.	Cross Ref.	Description	1	10	25
175848	10E3-01106-R ≈	6-pin/6-pin	\$5.95	\$5.35	\$4.95
175821	10E3-04106-R⊕	4-pin/4-pin.	3.79	3.39	3.05
175839	10E3-02106-R⊕	4-pin/6-pin .	3.75	3.39	3.05

JAMECO ValuePro HDMI Cables & Adapters

High definition multimedia interface (HDMI) is the industry supported, uncompressed, all digital audio/video interface. HDMI provides an interface between any audio/video source, such as set-top box, DVD players, A/V receivers, audio/ video monitors, DTV, HDTV, and plasma monitor.





Male to DVI-D Single Link

1944177	10HM-15128-01 ₹ 1 meter \$9.95	\$8.95	\$7.95
1944185	10HM-15128-02 ₹ 2 meters 11.95	10.75	9.75
1944193	10HM-15128-05 ₹ 5 meters 19.95	17.95	15.95

HDMI to DVI Video Adapters

1944206 30HM-15228-MO ₹ HDMI M/DVI F \$13.95 \$13.45 \$12.95 1944214 30HM-15328-MO ₹ HDMI F/DVI M 13.95 13.45 12.95

HDMI Gender Changers

1944222	30HM-01100 ₹ M to M	\$8.95	\$7.95	\$7.25
1944231	30HM-01200 ₹ F to M .	8.95	7.95	7.25
1944249	30HM-01400 ₹ F to F	8.95	7.95	7.25

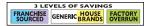
James ValuePro Category 6 Network Cables

- · With RJ45 plugs and molded strain reliefs
- Assembled using ETL verified 24AWG stranded cable
- Gold over nickel contacts
- · Exceeds performance levels as specified in TIA/EIA 568B.2-1 category 6



Part No.	Length	Color	1	10	50
219707	3 ft. 🗷	Gray	\$2.75	\$2.49	\$2.25
219715	7 ft. 🗷	Gray	3.99	3.59	3.25
219723	14 ft. 🗷	Gray	6.75	5.95	5.49
219731	25 ft. 🗷	Gray	9.95	8.95	7.95
219740	50 ft. 🗷	Gray	13.95	12.55	10.95
219854	3 ft. 🗷	Blue	2.95	2.65	2.39
219862	7 ft. 🗷	Blue	3.99	3.59	3.25
219871	14 ft. 🗷	Blue	6.75	5.95	5.49
219889	25 ft. 🗷	Blue	9.95	8.95	7.95
219897	50 ft. 🗷	Blue	13.95	12.55	10.95
220003	3 ft. 🕿	White	2.75	2.49	2.25
220011	7 ft. 🗷	White	3.95	3.55	3.19
219900	3 ft. 🗷	Red	2.75	2.49	2.25
219918	7 ft. 🗷	Red	3.99	3.59	3.25
219934	25 ft. 🗷	Red	9.95	8.95	7.95
219942	50 ft. 🗷	Red	13.95	12.55	10.95
219803	3 ft. 🗷	Green	2.75	2.49	2.25
219811	7 ft. 🗷	Green	3.99	3.59	3.25
219820	14 ft. 🗷	Green	6.75	5.95	5.49
219766	7 ft. 🕿	Black	3.99	3.59	3.25
219782	25 ft. 🗷	Black	9.95	8.95	7.95
219969	7 ft. 🗷	Yellow .	3.99	3.59	3.25

^k For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



219993

50 ft. 🗷

10.95

13.95

12.55

201726

201734

1945381

201742

1945401

201751

201769

201814 1945372

201822

1945399

201831

201849

Network Cables, Modular Plugs, Jacks & Accessories



Category 5e Network Cables UTP • 350 MHz 8P8C · 4 pair 24 AWG (7 x 43) stranded · Color coded for easy wire tracing · "Snagless" boot * Web Code: CAE High-flexibility Color 10 Length \$1.75 168292 3 ft. Gray \$1.59 \$1.39 7 ft. 🕿 168305 Gray 3.35 2.99 2.75 168313 15 ft. Grav 4.95 4.45 3.95 168321 25 ft. Grav 6.95 6.59 6.25 201777 3 ft. 🗷 1.75 201785 7 ft. 3.35 2.99 2.75 201793 15 ft. 4.45 3.95 201806 25 ft. 🗷 Red 6.95 6.59 6.25 201697 3 ft. 🗷 Black 1.59 1.39 201700 Black 2.99 7 ft. 🗷 2.75 203781 12 ft. Black 4.55 3.95 2.95 201718 15 ft. Black 4.95 4.45 3.95

Black

Blue

Blue

Blue

Yellow

Yellow

Yellow

6.95

2.45

3.35

4.55

4.95

6.95

1.75

2.45

3.35

4.95

6.95

6.59

2.99

3.95

4.45

6.59

1.59

2.99

3.95

* Web Code: CAE

Yellow Cat 5e/6 Network Crossover Cables

· Connect 2 PCs without a hub

25 ft. 🗷

3 ft.

5 ft.

15 ft.

25 ft 🙎

3 ft. 🗷

5 ft.

7 ft

10 ft.

15 ft.

25 ft. 🗷

7 ft. 🗷

- 24AWG (7 x 43) stranded
- · Strain relief RJ45 connectors 4-pair
 8P8C
 UTP

Part No.	•Mfr.	Length	Description	1	10	100
681109	+	3 ft.	Cat 5e gray \$2.7	5	\$2.45	\$1.99
302041	JVP	7 ft.	Cat 5e gray 3.7	5	3.39	2.95
685812	+	7 ft.	Cat 5e yellow 3.7	5	3.39	2.95
169261	JVP	10 ft. 🗷	Cat 5e gray 6.9	5	6.25	5.59
681096	+	7 ft	Cat 6 Gray 4 7	5	4 25	3 85

"EZ" RJ45 Connector

Strip the wire and insert into the plug & pull out the wire on the other side. This ensures correct conductor order and uniformity in crimping. No wire bar and no wasted cable.

Part No.	Mfr. Part No.	1	10	100	250
158115	RJ45 (8P8C) ≈	\$1.75	\$1.58	\$1.42	\$1.25

Professional Modular Connector Crimping Tool

- · 6mm and 12mm stripping guide
- Spring return action
- · Crimp modular plugs without changing dies
- Crimps 10P10C, RJ45: 8P8C, RJ11 and RJ12: 6P6C, and 4P4C
- · Insulated handles · Size: 8.2"L · Weight: 1.2 lbs.

Part No.	Mfr. Part No.	1	10	25
181148	HT200 ₹	. \$54.95	\$49.49	\$44.55

100

1.39

6.25

1.39

1.25

2.75

2.95

3.95

6.25

1.39

1.25

2.75

2.95

3.95

6.25

P = No. of positions C = No. of contacts

W/E = Western Electric type number







Modular Plugs





116611

	103491	79290 79273	79281	11934	3 * Orde	er in multip	oles of 10
Part No.	Description	Size (L" x W" x H")) W/E	1	10	100	1000
103491	4P4C (RJ14) handset	.485 x .30 x .26	616	*	\$.13	\$.12	\$.09
79290	6P4C (RJ11)	.487 x .38 x .26	623	*	.14	.13	.10
79273	6P6C (RJ11)	.487 x .38 x .26	623	.25	.23	.20	.18
79281	8P8C (RJ45) (for stranded wire)	.845 x .46 x .31	641	.47	.43	.38	.29
119343	8P8C (RJ45) unshielded (for solid wire)	.845 x .46 x .31	-	.46	.42	.37	.28
116611	8P8C (RJ45) shielded 🗷	.866 x .46 x .33	-	1.09	.99	.89	.79
116602	8P8C (RJ45) shielded (for solid wire) R	.845 x .46 x .31	_	.99	.89	.79	.59
180646	10P10C (RJ50) for stranded wire⊕	.849 x .46 x .31	-	.45	.41	.36	.33

JAMECO Value Pro

Modular Jacks









State .	400
	PERM
SV.	
-	

* Web Code: NEL

115128	151766	115837 204178 124039 115844	2034	49 524461	153741	16 5	24488
Part No.	•Mfr.	Description	Panel	Size (L" x W" x H")	1	10	100
115128	JVP	4P4C (RJ14) handset side entry, center latch R	No	.512 x .395 x .57	\$.45	\$.41	\$.36
2077781	JVP	6P4C (RJ11) side entry, center latch	No	.717 x .512 x .45	.49	.45	.39
2077221	+	6P6C (RJ11) side entry, front latch, PCB ground	Yes	.734 x .553 x .58	.79	.69	.59
115837	JVP	6P6C (RJ11) side entry, center latch ₹	Yes	.509 x .480 x .57	.81	.74	.65
151766	JVP	6P4C (RJ11) side entry, center latch 🗷	Yes	.803 x .519 x .59	.65	.59	.55
204178	JVP	6P6C (RJ11) dual entry, center latch 🗷	Yes	.617 x 1.10 x .60	1.35	1.19	.99
124039	JVP	6P6C (RJ11) top entry, 6" leads, panel mount 2	Yes	.543 x .585 x .72	1.25	1.15	.99
115844	JVP	8P8C (RJ45) side entry, center latch	No	.529 x .588 x .57	.65	.59	.53
2078240	+	8P8C (RJ45) side entry, center latch	Yes	.808 x .598 x .59	.89	.75	.59
203449	JVP	8P8C (RJ45) side entry, center latch, shielded ⊕	No	.839 x .633 x .53	1.19	1.09	.95
2078258	+	8P8C (RJ45) side entry, center latch, low profile	No	.709 x .596 x .46	.65	.59	.49
524461	AMP	8P8C (RJ45) side entry, front latch, low profile	No	.719 x .605 x .50	.59	.53	.49
2078266	+	8P8C (RJ45) side entry, front latch, low profile	No	.680 x .589 x .49	.69	.65	.55
1537416	KYC	8P8C (RJ45) side entry, front latch, low profile	Yes	.717 x .597 x .50	.59	.45	.35
524488	AMP	8P8C (RJ45) top entry, top latch	No	.655 x .615 x .63	.65	.59	.55
2077790	+	8P8C (RJ45) top entry, bottom latch	Yes	.638 x .606 x .62	.65	.55	.45

RS-232-to-RJ11/RJ45 **Modular Jack Adapters**



Simplify networking applications when changing your RS-232 port to an RJ11 or RJ45 modular jack. Comes with all necessary hardware and wiring.

Part No.	®Mfr.	Description	1	10	100
66181	JVP	DB9 M to RJ11 (6P6C)	\$2.59	\$2.35	\$2.09
66191	JVP	DB9 M to RJ45 (8P8C) 🕿	2.89	2.59	2.35
614977	GCE	DB9 M to RJ45 (8P8C)	2.75	2.49	2.25
114738	JVP	DB9 F to RJ11 (6P4C)₹	2.35	2.15	1.89
66203	JVP	DB9 F to RJ11 (6P6C)₹	2.79	2.55	2.29
66212	JVP	DB9 F to RJ45 (8P8C)₹	2.99	2.69	2.49
615005	GCE	DB9 F to RJ45 (8P8C)	2.45	2.25	1.99
66229	JVP	DB25 M to RJ11 (6P6C)	2.95	2.65	2.39
66237	JVP	DB25 M to RJ45 (8P8C)	1.85	1.65	1.49
615021	GCE	DB25 M to RJ45 (8P8C)	6.99	6.29	5.69
204273	JVP	DB25F - RJ11 (6P4C)	.52	_	_
66254	JVP	DB25 F to RJ45 (8P8C)₹	2.85	2.59	2.29

Keystone-Type RJ11 & RJ45 Jacks Modular Punchdown Type

· CAT 5e classification

Part No. *Mfr. Description

• Punchdown type wiring

connections with color coding Size: 0.57"W x 1.23"D x 0.63"H

213517

213517	+	6P6C (RJ11) ₹	White \$2.95	\$2.69	\$2.39
615048	GCE	8P8C (RJ45)	Black 4.95	4.45	3.99
195630	+	8P8C (RJ45) 🕿	Black 2.45	2.19	1.99
212951	+	8P8C (RJ45) ↔	Blue 2.45	2.19	1.95
212944	+	8P8C (RJ45) 🕿	White 2.95	2.65	2.39
195637	+	8P8C (RJ45) ↔	Ivory 2.45	2.19	1.95
636130	FST	8P8C (RJ45)	Almond 2.95	2.65	2.39

RJ45-Plug Color Caps (Boots)



 Order in m 	nultiples of 10	^ Web Co	de: JBG		
Part No.	Color	10	100	500	1000
204410	Black 🗷	\$.19	\$.17	\$.15	\$.11
204353	Gray	19	.17	.15	.11
204362	Blue 🗷	19	.17	.15	.11

FST = FutureSmart | GCE = GC Electronics | JVP = Jameco ValuePro | KYC = Kycon | ◆ Manufacturer Varies

This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version.



Cable Tie Mounts & Cable Clamps





Modular Couplers and Adapters









Style 1 Reverse wiring for telephone systems

Style 2 Straight wiring for networking/printer sharing

(BK)1					
Part No.	Description	Fig.	1	10	100
71757	6P6C modular coupler,				
	Style 1, RJ11	1	\$1.05	\$.95	\$.85
135087	6P6C modular coupler,				
	Style 2, RJ11	1	1.09	.99	.89
118501	8P8C modular coupler,				
	Style 1, RJ45	1	1.85	1.75	1.55
135079	8P8C modular coupler,				
	Style 2, RJ45	1	1.39	1.25	1.15
153023	8P8C modular coupler,				
	Style 2 (for CAT 5) RJ45	2	7.95	7.15	6.45

Modular Jack Boxes







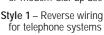


Low Cost Data

Part No.	Description	Fig.	1	10	100
103464	6P4C adhesive				
	jack RJ11 (beige)	1	\$1.45	\$1.29	\$1.19
71984	6P6C adhesive				
	jack RJ11 (beige)	1	1.39	1.25	1.15
71651	8P8C adhesive				
	jack RJ45 (beige)	1	1.39	1.25	1.15
213032	₹ 8P8C adhesive jack RJ45				
	(single, white) (CAT 5e)	2	3.49	3.15	2.85
213049	8P8C adhesive jack RJ45				
	(dual, white) (CAT 5e)	3	4.55	4.09	3.69

Modular Telephone/Printer **Sharing Cables (Gray)**

- RJ11 6P2C/6P4C for telephone or network
- RJ11 6P6C for telephone or printer sharing
- RJ45 8P8C for telephone or modem-dial-up use







	Conn.			Pricing		
Part No.	Style	Туре	Length	1	10	100
196227	1 🎗	RJ11-6P4C	7ft.	\$1.75	\$1.59	\$1.39
115554	2 🎗	RJ11-6P4C	7ft.	1.75	1.59	1.39
115545	1	RJ11-6P4C	25ft.	3.25	2.99	2.69
201232	2	RJ11-6P4C [†]	35ft.	1.95	1.75	1.69
115588	1	RJ11-6P6C	7ft.	1.75	1.59	1.39
115617	2	RJ11-6P6C	7ft.	1.99	1.79	1.59
115677	2 🎗	RJ45-8P8C	7ft.	1.95	1.75	1.69

· Tie mount and screw

- tab cable clamps Material: UL approved
- nylon 66, 94V-2



182942/171214









	A	102742/17/1214 70373 102301/173701 102334 173737	7 100	_
277	* Web Code: FBE 7	1408/71395/71386 * Order	in multiple	es of 10
Part No.	Cross Ref. No.	Description 1	10	100
182942	0505HC-101S ₹	4-way cable tie mount, self adhesive, .75"D*	\$.10	\$.09
171214	HC-100 ₹	4-way cable tie mount, self adhesive, use w/ 0.1"W max., 0.5" square *	.16	.14
71408	HC-101 ₹	4-way cable tie mount, self adhesive, use w/ 0.1"W max., 0.9" square $\ \dots \ *$.19	.17
71395	HC-102 ₹	4-way cable tie mount, self adhesive, use w/ 0.2"W max., 1.1" square *	.25	.23
71386	HC-103	4-way cable tie mount, self adhesive, use w/ 0.4"W max., 1.1" square37	.33	.29
70595	HC-0 ₹	4-way cable tie, screw type, use w/ 0.2"W max., 0.8"L x 0.4"W *	.19	.17
182301	0510HC-2 ₹	Cable tie mount, 1/4" screw hole, 0.5"D*	.17	.15
173761	HC-1	Cable tie, saddle type, 0.6"L x 0.4"W*	.10	.09
182334	0520FC-1	Cable tie mount, self adhesive, 0.1"D*	.19	.17
173737	UC1	Cable clamp for 1/4" cable*	.11	.10
71062	MCV-100R	Cable ID tie (4"L x 0.1"W) with tab (.98"W x .31"H)*	.29	.27

Keystone-Type Wall Plate

- Size: 2.8"W x 4.5"H RJ45 8P8C
- **NEW** * Web Code: RBH





	0
636965	

Part No.	No. of ports	Color	1	10	100
636965	1	Almond	\$.99	\$.89	\$.79
212960	1	Ivory	.99	.89	.79
195565	3	Ivory	.99	.89	.65
195573	4	Ivory	.99	.89	.65

Cisco Wall Jack DSL Filter

· Filters out DSL

- For kitchen or workshop
- White plate

 Dimen 	sion: 4.7" x 3.0"	MARKED IN PINK		
Part No.	Description	Color	1	
15077	6P4C (R I11)	White	\$5.95	\$/

3M Tape Wire Marker Dispenser

- · For marking wires with numerical sequence
- Self adhesive tapes

Part No.	Description	
• Size:	(tape) 90 L x 0.25 vv	



Cable Tie Tool

Numerical tape dispenser

- 2.5 5mm width (of cable) Tension adjustable
- Twist to cut surplus tie end
- Spring return action
- Metal

524445

159231

Part No. Cross Ref. No. 182298 0302TG-7 **₹** \$19.25 \$17.99 \$16.95

AMP 8P8C In-Line Coupler

· Panel mount thickness: 0.062" nominal · Housing: black polyphenylene oxide

 Terminals: 0.018" diameter phosphor bronze with 50"µ gold over nickel

Snaps into 0.595" x 0.765" regtangular wall plate cutouts Part No. Mfr. Part No.

555052-1 🗷



\$42.25

\$37.95



Nylon Cable Ties

Standard

· Cable ties made from UL

* Web Code: QAV

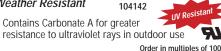
71

- approved Nylon 66 Temperature range: -40°C to +85°C
- Flammability rating: UL 94V-2
- Color: clear (except P/N 182677:white)

Order in multiples of 100 Part No. Tensil Strength Size (L" x W") 100 1000 70561 18 lbs. 🗷 3.1 x 0.10 \$.04 126544 18 lbs. 28 182677 18 lbs. **2**3 182651 18 lbs. **2** .10 139150 18 lbs. ⊕ 8.0 x 0.1006 .04 182669 18 lbs. 🗷 8.0 x 0.1308 8.0 x 0.18 **.04** 182685 18 lbs. 🗷 70907 40 lbs. 2 5.8 x 0.1008 .07 190756 40 lbs .07 190772 40 lbs. .07 40 lbs. ⊕ 190764 .07 * White

Weather Resistant

Contains Carbonate A for greater

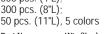


Part No. Tensil Strength Size (L" x W") 1000 139125 18 lbs. 3.0 x 0.90 \$.02 \$.01 104142 18 lbs. **2** .03 104134 40 lbs. 2 5.8 x 0.1008 .05 190782 40 lbs. 🕿 .08 190800 40 lbs. 2 .13 190802 40 lbs. 🗷 .17

Cable Tie Assortments

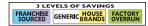
· Tensile strength: 18-50 lbs.

1000 pcs. (4"L); 10 colors 150412: 850 pcs. total 500 pcs. (4"L)





^{*}For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



† Beige

Heat Shrink Tubing & Audio/Video Cables

3 LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE FACTORY OVERRUN

Heat Shrink Tubing Kit 3M





285481

645976

3MTM FP-301 is a heat shrinkable flexible polyolefin tubing that offers an outstanding balance of electrical, physical and chemical properties for a wide variety of industrial and military applications. Rated for 275°F (135°C) continuous operation.

285481: Black 102 pieces

 Assorted pre-shrink sizes: 3/16" (30 pcs.); 1/4" (28 pcs.); 3/8" (20 pcs.); 1/2" (14 pcs.); 3/4" (6 pcs.); 1" (4 pcs.) • Pre-cut to 6" lengths

645976: Assorted colors 133 pieces

· 7 colors: black, red, white, yellow, blue, green and clear Assorted pre-shrink sizes: 3/32" (35 pcs.); 1/8" (28 pcs.); 3/16" (21 pcs.); 1/4" (21 pcs.); 3/8" (14 pcs.); 1/2" (14 pcs.) • Pre-cut to 6" lengths

Part No.	Description 1	5
285481	Black 102-pc. kit \$65.95	\$59.35
645976	Colors 133-pc. kit ? 65.95	59.35

Split Loom Cable Wrap

Bundle and protect cables and cords.

- · High temperature rating
- 1/2" diameter with slit

TECHPLEX

· Color: black

Blue Part No. = Limited Quantity Available

Part No.	Description	ı	10
1585531	25' split loom\$	7.95	\$6.95

Heat Shrink Tubing

- · 2:1 uniform shrink ratio
- · Color: black · Shrink temp.: 90°C

Polyolefin Tubing · Only sold in 10' & 100' lengths



*	1///c	h (ຳດາ	ь.	ı

72063

Part No.	Dia. Before (mm)	Length (ft.)	1	25
644834	0.12" (3) 🗷	10	\$1.95	\$1.75
644851	0.12" (3)	100	12.65	11.49
644869	0.16" (4)	10	2.15	1.95
644877	0.16" (4)	100	19.95	17.95
644906	0.20" (5)	10	2.45	2.19
644914	0.20" (5)	100	21.45	19.29
644931	0.24" (6)	10	2.55	2.29
644949	0.24" (6)	100	21.75	19.59
644957	0.31" (8)	10	2.95	2.65
644965	0.31" (8)	100	31.95	28.75
644973	0.43" (11)	10	4.05	3.65
644981	0.43" (11)	100	35.95	32.35
644990	0.59" (15)	10	4.95	4.45
645001	0.59" (15)	100	39.95	35.95
		·		

Polyolefin Flexible Tubing

- · Dielectric strength: 1300V
- Flame retardant
- Temp. range: -45°C to +125°C

Precut 39" length (1 meter)

★ Web Code: TFP

229403

Part No.	Dia. Before (mm)	1^	10°	1001
71327	.059" (1.5) 🕀	\$.55	\$.49	\$.45
71280	.098" (2.5) 🕀	75	.69	.59
72063	.197" (5.0) 🕀	85	.77	.69

FLEXO® Clean-Cut Braided Sleeve

· Length: 25 feet

· Dense braid structure provides fuller coverage

· Fray resistant when cut with scissors

 Color: black UV resistant

· Cut and abrasion resistant

• IVIdII III III S	properties	across wide	terriperai n/Max	Iure range Inside
Part No.	Mfr. Part No.		x (ins.)	Dia.(ins

162165	CCP0.50BK25 ₹	1/4 – 3/4	0.500	0.7
162157	CCP0.25BK25 ₹	5/32 - 7/16	0.250	0.4



Burstling And

TECHFLEX-

FLEXO® PET Braided Sleeve

- · Braided from 10 mil polyethylene terepthalate monofilament yarns
- UL recognized component
- · Conforms to FMVSS 302 · High tensile strength Color: black
- · Cut and abrasion resistant UV resistant
- · Maintains properties across wide temperature range · Length: 25 feet

Part No.	Mfr. Part No.	Min/Max Flex (ins.)	Inside Dia.(ins.)	Outside Dia.(ins.)	1
695383	PTNO.50BK25 ₹	1/4 – 3/4	0.500	0.550	\$11.95

manna	ins properties deres	Min/Max	Inside	Outside		-
Part No.	Mfr. Part No.	Flex (ins.)	Dia.(ins.)	Dia.(ins.)	1	10
695383	PTNO.50BK25 ₹	1/4 – 3/4	0.500	0.550	\$11.95	\$10.75

Polyolefin Heat Shrink Tubing

FIT221/FIT221B Series

* Web Code: VAH



Insulation from environment and resistance from water fungus and UV light. Use for general purpose insulation and repair, wire and cable harnessing/bundling, cable and connector protection, and wire and tubing splicing and connecting.

- · Operating temp: -55°C to 135°C
- Shrinkage ratio: 2:1 @ 121°C
- · Dielectric strength: 500V/mil (197kV/cm)
- Volume resistivity: 10¹⁴Ω-cm

Black (6 inch pieces)

		Min./Max.			
Part No.	Mfr. Part No.	ID (ins.)	Bags o	f 1	5
419400	FIT221B-1/16 ₹	.063/.031	36	\$14.75	\$13.29
419549	FIT221B-3/4 ₹	.750/.375	12 .	14.75	13.29
419565	FIT221B-1 ₹	1.00/.500	8	14.75	13.29

Black (4 foot pieces)

Part No.	Mfr. Part No.	Min./Max. ID (ins.)	1	5	25
419101	FIT221B-3/64 ₹	.046/.023	\$.89	\$.79	\$.75
419127	FIT221B-1/16 ₹	.063/.031	99	.89	.79
419143	FIT221B-3/32 ₹	.093/.046	99	.89	.79
419160	FIT221B-1/8 ≉	.125/.062	99	.89	.79
419186	FIT221B-3/16 ₹	.187/.093	1.25	1.15	.99
419207	FIT221B-1/4 ₹	.250/.125	1.85	1.69	1.49
419223	FIT221B-3/8 ≉	.375/.187	1.95	1.75	1.59
419240	FIT221B-1/2 ₹	.500/.250	2.05	1.85	1.69

Clear (4 foot pieces)

Part No.	Mfr. Part No.	ID (ins.)	1	5	2!
419119	FIT221-3/64 2	.046/.023	\$.85	\$.79	\$.69
419215	FIT221-1/4 ≉	.250/.125	1.95	1.75	1.59

Audio/Video BNC to RCA Cables & Adapter

Fully molded nickel connectors. Used for displays that require a single BNC connection from a P_{I}

PAL/N	TSC video source.		*W	eb Code	: AVC
Part No.	Description		1	10	50
683059	6' BNC to RCA cable (RG-59)	\$3	.95	\$3.49	\$2.95
1945057	6' BNC to BNC video cable	3	.95	3.49	2.95
	w/ BNC to RCA male adapter				

JAMECO ValuePro Component Video and Audio Cable

 Low-loss 75Ω oxygen-free copper center conductors and foam dielectric provide maximum signal transfer bandwidth for improved picture quality and performance

 Corrosion resistant, precise 24k gold-plated connectors ensure long lasting quality

 Fully molded color coded connectors attached to an ultra-flexible PVC jacket

provide excellent strain relief, easy installation, and identification • 100%, 0.012mm aluminum-polyester foil shielding and spiral-wound

copper-braid shielding provides clear, noise-free, vivid picture quality					
Part No.	Description	1	10	50	
229403	6' component video RGB and stereo audio cable	. \$11.95	\$10.95	\$9.95	



S-VHS Cables and Adapters

Low-loss fully shielded Super-VHS cables, 4-contact mini DIN plus S-VHS cable and dual-RCA plug stereo cables.

• Fully-molded color coded gold RCA connectors

Flexible black PVC jacket

Applications: home theaters, DSS receivers, Super-VHS VCRs, camcorders, & DVD players Part No





683059

229809	229391	22859	1
ode: TRI	1	10	

raitivo.	Description	TECD COUC. IDE		10	
229809	S-video 4-pin mini DIN female to fer	nale jack	. \$1.35	\$1.22	\$1.09
683075	S-video male plug to RCA video fem	ale jack (blue)	1.95	1.75	1.49
229391	S-video male plug to RCA video fem	ale jack	2.95	2.65	2.39
228591	6' S-VHS video cable, gold plated		2.15	1.95	1.79
228611	25' S-VHS video cable, gold plated		3.95	3.55	3.19

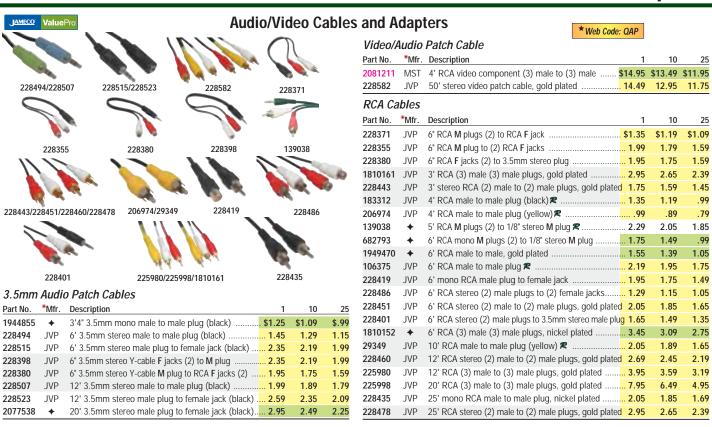
🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.







3.5mm, Audio/Video, RCA Cables & Adapters



Audio Connectors

Microphone (XLR) Connectors							★ Web Code: ABV	
Part No.	Manufacturer	Product No.	Fig.	Description	Dimensions (mm)	10	25	
277026	Switchcraft	A3F ≈	1	3-pin female, metal	82.5 x 5.3 Dia \$5.45	\$4.89	\$4.39	
281560	Switchcraft	A3M ≈	2	3-pin male, metal	70.3 x 5.3 Dia 4.75	4.29	3.85	
281640	Switchcraft	D3F ₹	3	3-pin female, metal, panel mount	27.0W x 36.3H x 30.6D 5.99	5.39	4.85	
281607	Switchcraft	A5F ≈	1	5-pin female, metal	82.0 x 4.7 Dia 13.95	12.55	11.29	
281615	Switchcraft	A5M ≈	2	5-pin male, metal	70.2 x 5.3 Dia 10.99	9.89	8.89	
281623	Switchcraft	A6F ≈	1	6-pin female, metal	80.2 x 4.6 Dia 18.55	16.69	14.95	
281703	Switchcraft	D6F ≈	3	6-pin female, metal, panel mount	27.0W x 26.3H x 30.6D 21.95	19.75	17.79	
281711	Switchcraft	D6M ≈	4	6-pin male, metal, panel mount	27.0W x 36.3H x 30.6D 12.95	11.65	10.49	
319011	Jameco ValuePro	250-710	2	3-pin male, metal	70.6L x 7.31D	3.05	2.75	
319003	Jameco ValuePro	250-720	1	3-pin female, metal	81.5L x 7.43D	2.29	2.05	
319038	Jameco ValuePro	250-705	3	3-pin female, metal, panel mount	26.2W x 35.5H x 35.9D 3.95	3.55	3.19	



Audio	Adapters			*Web Cod	le: KBQ
Part No.	Manufacturer	Product No.	Description	1 10	25
228283	Jameco ValuePro	251-120	RCA F jack to mono 1/4" M plug\$.6	9 \$.65	\$.55
228267	Jameco ValuePro	251-116	RCA F to F jack coupler, gold plated5	9 .55	.49

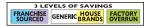


Audio and Phone Plugs							e: NPD
Part No.	Manufacturer	Product No.	Fig.	Description	Dimensions (mm)	10	25
281869	Switchcraft	750 2	1	3.5mm mono audio plug, plastic	14.0 x 41.5 x 5.7 ID \$3.05	\$2.75	\$2.49
281789	Switchcraft	297🕿	2	1/4" stereo phone audio plug, metal	73.7 x 7.6 ID 4.95	4.45	3.95
281771	Switchcraft	2802	3	1/4" mono phone audio plug, metal	73.7 x 7.6 ID 3.85	3.55	3.25
281754	Switchcraft	2502	4	1/4" mono phone audio plug, plastic	73.7 x 7.6 ID 3.45	3.15	2.79
281818	Switchcraft	3502A ≈	5	RCA phono audio plug, nickel	42.4 x 7.3 ID 2.2 5	2.05	1.85
229921	Jameco ValuePro	JR1625BLK	6	RCA plastic plug Black (5 pk)	51.5 x 5.0 ID	1.29	1.19
229930	Jameco ValuePro	JR1625R	7	RCA plastic plug Red (5 pk)	51.5 x 5.0 ID	1.29	1.19
229876	Jameco ValuePro	JR0101BLK	8	RCA metal plug (black stripes)	61.7 x 7.0 ID2.29	2.06	1.85
229868	Jameco ValuePro	JR0101R	8	RCA metal plug (red stripes)	61.7 x 7.0 ID	2.06	1.85
229884	Jameco ValuePro	JR0101W	8	RCA metal plug (white stripes)	61.7 x 7.0 ID	2.06	1.85



^{*} JVP = Jameco ValuePro | MST = Monster | ◆ = Manufacturer Varies

* For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above



Audio/Video Plugs & Jacks

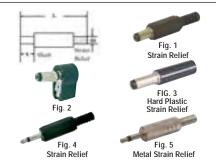


	Stereo, Phone, Audio Plugs & Jacks *Web Code: AJS							
Part No.	Manufacturer	Product No.	Fig.	Description	Dimensions (mm) 1	10	25	
297297	Switchcraft	850♀	1	2.5mm, mono phone, audio plug, black plastic	25.8L x 6.35 Dia \$3.35	\$3.15	\$3.05	
281834	Switchcraft	41 2	2	3.5mm audio jack	7.8L x 5.9 Dia 1.85	1.69	1.49	
296930	Switchcraft	42A	3	3.5mm phone jack, metal	15.9L x 12.7 Dia 1.59	1.44	1.36	
568392	Switchcraft	35RAPC4BH3 ₹	4	3.5mm stereo jack, rt. angle horz., threaded	6.0H x 11.0W x 8.0D 1.49	1.35	1.21	
2081334	Shogyo	354-3PY	4	3.5mm mono jack, rt. angle horz., threaded	6.35H x 12.0W x 14.0D 1.49	1.25	.99	
1766180	Switchcraft	35RAPC4BHN2 ₹	4	3.5mm stereo jack, rt. angle horz., non-threaded	5.0H x 12.0W x 15.0D 1.69	1.52	1.37	
1766198	Switchcraft	35RAPC4BV4 ₹	5	3.5mm stereo jack, rt. angle ver., threaded	12.3H x 8.1W x 14.0D 1.59	1.43	1.29	
1766121	Switchcraft	35RAPC2AV	5	3.5mm mono jack, PC mnt, rt. angle ver., black	11.0H x 7.5W x 14.0D98	.85	.79	
1766155	Switchcraft	35RAPC2BV4	5	3.5mm mono jack, PC mnt, rt. angle ver., black	12.3H x 8.1W x 14.0D 1.88	1.63	1.55	
2081238	Shogyo	SCJ330	6	3.5mm mono audio jack	10.6H x 9.0W x 21.7D 1.95	1.75	1.49	
296981	Switchcraft	112BX	7	1/4" phone jack, black	34.8L x 15.87 Dia 1.99	1.94	1.84	
281746	Switchcraft	12B ≈	3	1/4" stereo phone audio jack	14.7L x 9.1 Dia	1.70	1.53	
296905	Switchcraft	13B ₹	3	1/4" mono phone audio jack, metal	30.6L x 9.4 Dia	1.70	1.53	
281738	Switchcraft	11 2	8	1/4" mono phone audio jack	12.8L x 9.1 Dia	1.69	1.49	
296892	Switchcraft	12A ₹	3	1/4" mono phone audio jack, metal	31.7L x 9.4 Dia	1.61	1.45	
296956	Switchcraft	70	9	1/4" commercial phone plug, metal	84.8L x 9.7 ID	5.48	4.38	
297537	Switchcraft	N111	6	1/4" phone jack, panel mount, threaded	34.8L x 15.87 Dia 2.35	2.11	2.02	
296972	Switchcraft	111 o	6	1/4" enclosed phone jack, black	34.8L x 15.87 Dia 2.30	1.94	1.90	
297001	Switchcraft	121	10	1/4" mono phone audio jack, metal	63.5L x 12.7 Dia	7.19	6.49	
281762	Switchcraft	267	11	1/4" commercial phone plug, black plastic	73.7L x 7.6 ID 5.15	4.23	3.72	
297027	Switchcraft	131	10	1/4" in-line extension jack, black	63.5L x 6.75 ID	7.36	6.68	
297060	Switchcraft	170	12	1/4" commercial phone plug, metal	69.7L x 17.46 Dia	5.99	5.58	
297115	Switchcraft	228	13	1/4" flat phone plug, right angle, black	42.1L x 25.4 Dia 5.15	3.94	3.66	
220581	Jameco VP	KY-006-1(W)	14	RCA jack, PCB mount, white	11.2H x 14.2W x 12.2D65	.59	.53	
220556	Jameco VP	KY-006-1(R)	14	RCA jack, PCB mount, red	11.2H x 14.2W x 12.2D65	.59	.53	
220572	Jameco VP	KY-006-1(B)	14	RCA jack, PCB mount, black	11.2H x 14.2W x 12.2D55	.49	.45	
220564	Jameco VP	KY-006-1(Y)	14	RCA jack, PCB mount, yellow	11.2H x 14.2W x 12.2D41	.37	.35	
2076332	Various	SCJ-0358-YLW	15	RCA jack, PCB mount, yellow	9.9H x 19.1W x 13.0D45	.35	.25	
169502	Various	SCJ-0358-BLK-R₹	15	RCA jack, PCB mount, black	10.2H x 21.6W x 12.7D55	.49	.45	
1581564	Keystone	901	14	RCA jack, PCB mount right angle, black	11.8H x 10.6W x 6.8D99	.94	.89	
159485	Various	CS7021-DN-BLK-R₹	16	RCA jack, panel mount, black	21.3W x 9.7H	.85	.75	
172340	Various	CS7021-DN-RD-R₹	16	RCA jack, panel mount, red	21.3W x 9.7H	.77	.69	
1537150	Various	AJ842G2	17	RCA jack, rt. angle PCB mount, red/white (2)	27.9H x 10.2W x 13D49	.39	.25	
2076359	Various	AJ842G3	18	RCA jack, rt. angle PCB mnt, red/white/yellow (3)	40.6H x 22.9W x 21.6D99	.85	.69	
237016	Various	RCJ-61223344		RCA jack, PCB mount, red/white/yellow	50.8H x 11.4W x 27.9D 1.19	.99	.85	
319249	Velleman	CA066	20	RCA jack, 2 pair stereo, panel mount, red/white	73.7H x 12.2W x 24.9D 89	.79	.69	
229913	Jameco VP	JR1625W	21	RCA plug, plastic, white (pack of 5)	51.5L x 5.0 ID	.94	.89	
230287	Jameco VP	JR0101Y	22	RCA plug, yellow housing, gold plated	61.7L x 7.0 ID	1.23	1.17	
281800	Switchcraft	3502	23	RCA phone plug, metal	33.8L x 5.0 ID	1.63	1.30	



❸ Blue Part No. = Limited Quantity Available

				DC Power Plugs	6	* Web Cod	de: MFP
Part No.	Manufacturer	Product No.	Fig.	Description (Barrel) Plug ID x OD x L (mm)	Strain Relief ID x L (mm)	Pricin	ig 100
Female	Plugs			•			
71192	Jameco VP	PP137 ₹	1	1.3 x 3.45 x 9.5	4.1 x 12 (black)\$.7	9 \$.69	\$.64
191484	Jameco VP	PP049W	1	2.1 x 5.5 x 9.0	4.6 x 12.5 (white)	9 .62	.55
2004890	Jameco VP	PP049S	1	2.1 x 5.5 x 9.5	4.5 x 12.5 (black)	5 .65	.49
297617	Switchcraft	S760 🕿	3	2.1 x 5.5 x 9.5	5.5 x 25 (black) 2.5	9 2.33	2.09
28760	Jameco VP	PP049 🕿	1	2.1 x 5.5 x 10 (P205)	4.1 x 12 (black)	9 .69	.55
138587	Jameco VP	PJ021R	2	2.1 x 5.5 x 12 (rt. angle)	2.8 x 11 (black)8	9 .79	.65
147329	Jameco VP	PP049L 🕿	1	2.1 x 5.5 x 14 (P205L)	4.3 x 12 (black)	9 .98	.76
190538	Jameco VP	PP109S 🕿	1	2.5 x 5.5 x 9.5	5.0 x 13 (black)5	5 .49	.45
281877	Switchcraft	760 🕿	3	2.5 x 5.5 x 9.5	5.5 x 25 (black) 2.5	9 2.33	2.09
28768	Jameco VP	PP109 ₹	1	2.5 x 5.5 x 10 (P206)	4.2 x 12 (black)8	9 .79	.65
147336	Jameco VP	PP109L⊕	1	2.5 x 5.5 x 14 (P206L)	4.2 x 12 (black)8	9 .79	.65
168242	Jameco VP	PP109N ₹	3	2.5 x 5.5 x 14	3.9 x 22 (black)6	5 .59	.53
Male Pl	ugs						
101135	Jameco VP	PJ1025	4	— x 2.5 x 11 (P201)	4.3 x 13 (black)\$.7	9 \$.69	\$.55
231176	Jameco VP	AP-340 🕿	4	— x 3.5 x 14 (stereo)	4.3 x 13.5 (black)	6 .59	.53
231167	Jameco VP	AP-343	5	— x 3.5 x 14 (stereo)	4.4 x 13 (metal) 1.6	9 1.49	1.35
231160	Jameco VP	PJ1035 ₹	5	— x 3.5 x 14 (mono)	4.8 x 13.5 (metal)	9 1.49	1.39
101152	Jameco VP	PJ1035 🕿	4	— x 3.5 x 14.5 (P202)	4.0 x 13 (black)5	9 .53	.49
				, ,			



Automobile Fused Power Plugs with Cords

 Accepts .25" x 1.25" fuse 115002: Screw assembly w/ 	115002
strain relief	
124760 : 3' cord w/ pigtail	124760
105064 : 12' cord w/ pigtail	

105064:		700			
Part No.	Mfr.	Fuse	1	10	100
115002	Jameco VP	5A/250VAC ₹	\$2.25	\$1.99	\$1.79
124760	Jameco VP	3A/250VAC ₹	2.49	2.25	1.99

2A/250VAC

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version.





Power Jacks, CPC Connectors & D-Sub Accessories

Male	& Fema	le Power	r Jacks				*1	Neb Code	: BAM
Part No.	Mfr.	Product No.	Dimensions H x W x D (mm)	Type/ Mount	Circuit/ Terminal	Mating Plug (below)	1	Pricir 10	ng 100
1.3 mm	Male Jack								
101194	Various	PP024⊕	6.0 x 6.0 x 9.0	1/D	1/B	1.3 mm F	\$.69	\$.62	\$.55
2.1 mm	Male Jacks								
101178	Various	PP014⊕	10.9 x 9.0 x 14.5	2/D	1/A	2.1 mm F	\$.45	\$.39	\$.35
137673	Various	PP013 ₹	10.9 x 9.0 x 14.5	3/D	4/A	2.1 mm F	40	.36	.32
151590	Various	DPJ-02IA ≉	18.0 x 12.6 Dia.	4/C †	1/A	2.1 mm F	1.19	1.05	.95
151555	JamecoVP	DPJ-026 ₹	21.0 x 8.0 Dia.	5/E	1/A	2.1 mm F	1.59	1.39	1.29
159611	Various	PJ1014A ≉	57.5 x 12.6 Dia.	6/F	3/A	2.1 mm F	1.79	1.59	1.45
281851	Switchcraft	722A ≈	15.1 x 7.5 Dia.	7/C	1/A	2.1 mm F	2.79	2.51	2.26
† Center of	fset								
2.5 mm	Male Jacks								
207714	Various	HEC0470	11.0 x 9.0 x 14.5	2/D	1/B	2.5 mm F	\$.75	\$.69	\$.61
101186	Various	PP014A⊕	11.0 x 9.0 x 14.5	2/D	1/A	2.5 mm F	55	.49	.39
151563	Various	DPJ-026A ≉	15.1 x 8.0 Dia.	5/E	1/A	2.5 mm F	1.49	1.34	1.21
159506	Various	PJ1015A ≉	57.5 x 12.6 Dia.	6/F	3/A	2.5 mm F	1.69	1.52	1.35
202358	Various	HD2388	12.4 x 7.7 Dia.	8/C	3/A	2.5 mm F	1.19	.99	.89
281842	Switchcraft	712A ≈	15.8 x 7.5 Dia.	7/C	1/A	2.5 mm F	2.45	2.21	1.99
1768329	Switchcraft	712RA ≉	19.6 x 10.9 Dia	9/D	1/B	2.5 mm F	3.79	3.49	2.99
297553	Switchcraft	PC712A ₹	23.3 x 11.0 Dia.	10/D	1/A	2.5 mm F	3.09	2.79	2.49
297529	Switchcraft	L712A ≉	23.3 x 11.0 Dia.	11/C	1/A	2.5 mm F	4.49	4.05	3.65
3.5 mm	Female Jac	ks							
109496	JamecoVP	PJ035PM ≉	10.5 x 9.0 x 20.0	12/C	2/A	3.5 mm M	\$.55	\$.49	\$.45
165730	JamecoVP	PJ0354 ₹	15.5 x 5.9 Dia.	13/C	3/A	3.5 mm M	79	.69	.64

Terminals Solder eyelet PC board	Code A B	Circuit 1	Circuit 2
Mounting Panel PCB Panel & PCB Cable	Code C D E F	Circuit 3	Circuit 4
Type 1		Type 2	Type 3
			0
Type4	T	ype 5	Type 6
			E P
Type 7	1	уре 8	Type 9
A.	BIL	di	0
Type 10	Type 11	Type 12	Type 13

CPC Contacts

Type III+ Snap-In Crimp Pins w/ Retention Spring

- · Finish: A: 30µ" gold over nickel B: Tin-lead
- C: 15µ" gold over nickel
- Crimp type except *P/N 526424 (solder type)
- Contact body brass or phosphor bronze

Part No.	Mfr. P/N	AWG	Finish	Туре	1	10
526424	66180-1	18-16	Α	Pin*	. \$.85	\$.77
526432	66181-1	18-16	Α	Socket	99	.89
526459	66103-3₹	24-20	С	Pin	49	.44
526563	1-66103-5	24-20	В	Pin	39	.35
526379	66105-3 ≉	24-20	С	Socket	69	.62
526504	1-66105-6	24-20	В	Socket	49	.44

Pin

* Web Code: LEF

Socket

Size 20DF Contacts

- · Contact body: brass
- Finish: A: 30µ" gold over nickel; B: gold flash over nickel



With Insulation Support Without Insulation Support

			Order in multiples of			
Part No.	Mfr. P/N	AWG	Finis	h Type	10	100
223221	1-66505-0	28-24	В	Socket [†]	\$.19	\$.15
223247	745253-6 2	26-22	Α	Socket [†]	22	.17
223298	66504-9 2	24-20	Α	Socket .	16	.13
223255	1-66504-0	24-20	В	Socket .	19	.15

† With insulation support

AMP **Extraction Tool** · Works with general contacts of CPC, multimate and MATE-N-LOCK II contacts

Mfr. P/N Part No. 305183₹ \$17.95 \$16.15

AMP

CPC Circular Plastic Connectors

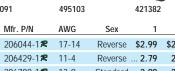
Series 1 Plugs — Standard density, signal and low-current applications

 Accepts type III+; high-current type II and subminiature









495031

495031	206044-1	17-14	Reverse	\$2.99	\$2.69
495091	206429-1	11-4	Reverse	2.79	2.49
495103	206708-1	13-9	Standard	2.99	2.69
495082	206060-1	11-4	Standard	2.79	2.49
421382	206036-1	17-16	Standard	2.05	1.85

Part No.

CPC Cable Clamps

Provides strain relief and can be used in all series receptacles and plugs.

· Material: thermoplastic

black, UL94V-0 rated

Part No.	Mfr. P/N		O.D. (max.)	1	10
494047	206062-3	28	.329"	\$3.79	\$3.39
494039	206062-1	28	.329"	3.79	3.39
494063	206070-1	17	.453"	3.79	3.39
494055	206966-1	13	.453"	3.79	3.39

Hardware for D-Sub Connectors



4-4U X .	10/ Jack	Screws	* (oraer in	muitipie	es or it
Part No.	Mfr.	Length	1	10	100	1000
839252	AMP ₹	.250"	*	\$.19	\$.17	\$.15
169931	Various ⊕	.275"	*	.14	.13	.11
172603	Various	.315"	*	.16	.14	.13
1582209	Keystone ₹	.315" (zinc)	.25	.23	.19	.16
1582508	Keystone ₹	.315"	29	.26	.23	.19
102816	Various ⊕	.435"	.45	.39	.35	.25
108987	Various 🗷	.515"	.49	.45	.39	.29

		1	02/96			
Part No.	Mfr.	Length	1	10	100	1000
175636	Various ⊕	.187"	*	\$.19	\$.17	\$.14
102796	Various 🗷	.235"	.32	.29	.26	.23

4-40 Screw Sets

4-40 x . 187" Standoffs

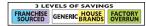


102808: 4-40 screw (.385"L) and retainer set 16548: 4-40 x .187" jack screw (.31"L thread), washer, lock washer and nut set Order in multiples of 10

Part No.	Mfr.	Description 10	100	1000
102808	Various	Screw/retainer \$.49	\$.44	\$.39
16548	Various 🗷	Screw/nut	.67	.49

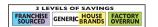
Our goal is to provide you with more of what you want. Let us know how we can better serve your electronic needs. Send feedback to Feedback@Jameco.com.

^k For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



494063

*Web Code: PCB



JAMECO Value Pro **D-Subminiature Connectors** 203799 * Web Code: EAB Right Angle PC Mount * Web Code: FAN Female Metal Solder-Cup Metal .318" Setback - Tin plated short style Part No. Manufacturer Product No. Contacts Gender 100 15150 15748 Jameco ValuePro 1001-9P-R**₹** \$.45 \$.35 Product No. Contacts 10 100 Part No. Manufacturer Gender 222990 **AMP** 747904-2 9 M 2.25 1.95 1.75 1952839 Foxconn D-SUB-9M† 9 M \$.55 \$.45 \$.35 AMP 9 M 2.49 1.95 222957 747904-4t 2.25 DB9P318 9 104943 Jameco ValuePro Μ69 59 49 Jameco ValuePro 500-109 9 F65 .55 45 15771 614441 AMP 747840-4 9 M 1.75 1.55 1.35 223052 747905-2 9 F 2.25 1.95 1.75 2076682 Various DB9S318 9 .55 .45 9 223036 **AMP** 747905-4t 9 2.75 2.35 2.09 104952 Jameco ValuePro DB9S318 .75 .55 .65 1001-15P-R**≈** 15035 Jameco ValuePro 15 .55 45 614504 9 F...... 1.95 1.75 1.49 **AMP** 747844-41 DA15P318⊕† 223001 AMP 747908-2 15 M 2.89 2.55 2.25 71124 Jameco ValuePro 15 M69 .59 49 15078 Jameco ValuePro 1002-15P-R**₹** 15 M95 .75 .59 15 .59 77956 Jameco ValuePro DA15S318⊕ .69 15052 Jameco ValuePro 1001-15S-R₹ 15 59 49 1952273 HDDSUB-15S1 15 .65 .55 Kycon 71466 Jameco ValuePro HDDB15S318⊕ 15 .79 .69 223061 AMP 747909-2 15 F 4.49 3.95 3.49 F<mark>... .89</mark> 614539 AMP 15 F 2.09 1.85 1.65 164823 Jameco ValuePro 1002-15S-R**≈** 15 F<mark>.....95</mark> .75 .59 747845-4t M99 1945364 25 .55 .45 15115 1001-25P-R**₹** 25 .79 Various DSUB-25Mt Jameco ValuePro 69 15150 Jameco ValuePro DB25P318**₹** 25 .75 .65 .55 223010 **AMP** 747912-2 25 M 3.25 2.95 2.65 25 .55 265439 Various DSUB-25F .65 222973 AMP 747912-4t 25 M 3.49 3.15 2.85 15182 Jameco ValuePro DB25S318₹ 25 F<mark>... .85</mark> .75 .65 25 15157 Jameco ValuePro 500-125 .79 69 446483 DBKL-25SAT-E25† 25 F 1.09 .95 Cinch .85 223079 AMP 25 F 3.75 747913-2 3.15 2.65 AMP 614547 747846-3t 25 F..... 1.49 1.25 1.09 203799 Jameco ValuePro 1002-26P⊕* 26 M85 .69 55 71706 37 .99 Astron DC37P318⊕1 M 1.15 89 1002-26S-R**₹** * 26 .95 .75 59 203782 Jameco ValuePro F 78182 Jameco ValuePro 1.05 DC37S318⊕1 37 1.19 95 37 .85 639630 Amphenol FDC37P .65 .55 *High Density † Without female jack screws (P/N 172603, pg 61) 15473 Jameco ValuePro 1002-37P**₹** 37 M 1.35 1.15 95 223028 AMP 747916-2 37 4.75 4.25 3.75 Right Angle PC Mount Metal .590" Set Back – Tin plated long style ** Web Code: HAN 482724 Amphenol EDC37S 37 .. .95 .75 55 15500 Jameco ValuePro GC028-R**₹** 37 1.25 1.09 95 104978 · Current rating: 1A 223087 5.95 5.25 AMP 747917-2 37 6.75 Part No. Manufacturer Product No. Contacts Gender 10 100 15676 Jameco ValuePro GC029-R**≈** 50 1.69 1.49 M 1.95 104970 DB9P590**₹** 9 M \$1.09 \$.95 \$.79 Jameco ValuePro 482741 Amphenol FDD50S 50 F..... . 1.09 .59 9 F 1.25 95 104978 1.09 15691 Jameco ValuePro GC030 50 F 1.69 1.39 1.15 104985 Astron DA15P5901 15 M95 .75 .65 *High Density † 7inc plated shell 104993 Jameco ValuePro DA15S590⊕ 15 F 1.09 .95 .75 Jameco ValuePro DB25P590₹ 25 105006 M 1.49 1.25 1.09 *Web Code: MAP IDC Ribbon Cable 105013 Jameco ValuePro DB25S590⊕† 25 F 1.25 1.09 .85 · Contact material: phosphor bronze † Without female jack screws (P/N 172603, pg 61) Terminates with standard D-type connectors 12432 1577961 Metal Straight PC Mount Part No. Shell Cont. Gender 10 100 Manufacuturer 863711 9 M \$1.75 109226 Metal \$1.49 \$1.25 Part No. Manufacturer Product No Contacts 10 100 12504 Jameco ValuePro CDB9P₹ Plastic 9 M 2.25 1.95 1.75 DB9PPCB₹ 9 \$.45 \$.35 111692 Jameco ValuePro 748799 AMP 1658615-4₹ • 1 Plastic Q M..... 4.95 4.49 3.95 15781 Jameco ValuePro DB9SPCB2 9<mark>.....59</mark> 49 39 Q 1577961 3M 8309-6000 9 F 3.95 3.49 3.15 109218 Jameco ValuePro MDB9S ₹ Metal F 1.85 1.65 1.45 Jameco ValuePro CDB9S₹ 9 12521 Plastic 2.49 2.25 1.95 15 176760 Jameco ValuePro DA15PPCB .55 .45 2077491 Various DAHD15SPCB≈ 15 .55 .45 614387 AMP 747318-41 Plastic 9 F 4.49 3.95 3.49 176752 DA15SPCB₹ 117382 Jameco ValuePro MDA15P₹ Jameco ValuePro 15 .55 .45 Metal 15 M 1.75 1.49 1.29 15122 Jameco ValuePro DB25PPCB ↔ 25 .45 .35 12299 Jameco ValuePro CDA15P\$ Plastic 15 M 1.95 1.75 1.49 15165 Jameco ValuePro DB25SPCB (3) 25 .65 .55 .45 116012 Jameco ValuePro MDA15S₹ Metal 15 1.75 1.49 180013 Jameco ValuePro DC37PPCB 37 M 1.09 .95 .79 F 2.25 12319 Jameco ValuePro CDA15S⊕ Plastic 15 1.95 1.75 37 1.09 180021 Jameco ValuePro 1.25 .95 115983 Jameco ValuePro MDB25P ⊕ Metal 25 M 1.95 1.75 1.49 * High Density 12335 Jameco ValuePro CDB25P⊕ Plastic 25 M 1.95 1.75 1.49 115976 Jameco ValuePro MDB25S Metal 25 F 2.25 1.95 1.75 * Web Code: UBR Crimp-Type 180890 38771 12432 Jameco ValuePro CDB25S₹ Plastic 25 1.95 2.25 1.75 Part No. Manufacturer Product No Contacts 100 Gender 10 614301 AMP 747303-2 Metal 25 F 5.49 4.95 4.49 73189 Jameco ValuePro 500-010 \$.49 \$.39 \$.32 115992 Jameco ValuePro MDC37P₹ Metal 37 M 2.95 2.65 2.35 AMP 9 .99 222640 205204-1 1.15 .85 12466 Jameco ValuePro CDC37P ⊕ Plastic 37 2.95 2.49 9 35 73197 Jameco ValuePro 500-110 .55 .45 116004 Jameco ValuePro MDC37S ₹ Metal 37 3.49 2.95 2.49 222842 AMP 205203-32 9 .85 .75 .65 12483 Jameco ValuePro CDC37S₹ Plastic 37 2.95 2.49 15 .55 .35 73200 Jameco ValuePro G37-15 🕀 .45 † Requires flat cable w/ .0625" centers 1 With standard mounting holes85 180882 Jameco ValuePro 1006-15P-R**≈** 15 .75 .65 73219 Jameco ValuePro G1G125-R₹ 15 .55 .45 M Non-Insulated Terminal D-Sub Crimping Tool 205205-28 222914 **AMP** 15 .65 .55 Heavy-duty metal tool with cutter and insulated handles 180890 Jameco ValuePro 1006-15S 15 .85 .75 .65 For computer pins & sockets, D-sub 26-28 AWG wire; 38789 Jameco ValuePro 25 M65 .55 .45 500-027 butt-insulated connectors, 22-26 AWG wire; telephone 38771 Jameco ValuePro 500-127 25 .65 .55 .45 spade lugs, 22-26 AWG wire and non-insulated qq .75 222922 AMP 207463-1 25 .85 connectors, 20-22 AWG & 14-18 AWG Coiled spring return

1.49

1.75

1.49

Part No

99443

Mfr. Part No

HT202A₹

Size

7.3"L x 1.5"W

\$8.95

5

\$7.95

25

\$6.95

M 1.95

F 1.75

222789

222826

AMP

AMP

205210-2

205210-3

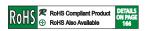
37

37

^{*} High Density

Product requires 1-2 additional days to ship. Request 'ship partial' if you want other items to ship sooner (note separate shipping charges will apply). Minimum order quantity & prices are subject to change.

ROHS compliant product This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166



D-Sub Contacts, Power Connectors & Accessories

* Web Code: JDC

Order in multiples of 10

Order in multiples of 10

\$.25

Order in multiples of 10

100 1000

\$.08 \$.06

.07

.15

.25

.17 .14

.13 .12

.15 .12

.15

100 1000

10

10

10

.09

... .19

.19

18 **\$.35 \$.29**

D-Sub Connector Hoods



Metallized Use with D-sub solder cup and housing style connectors (hardware included)

* Web Code: DAB

Fig. 1 (female)

Fig. 3 (female)

Fig. 5 (female)

Mfr

AMP

AMP

Mfr

AMP

AMP

AMP

AMP

AMP

AMP

† Use with 180890, pg 62

Part No.

223319

234982

Part No.

43369

185412

223221

223239

223247

223298

223271

223255

Female Solder Contact - Fig. 1

Male Solder Contact - Fig. 2

Female Crimp Contacts - Fig. 3

Jameco VP 500-155

Jameco VP 1006-PS†

Fig. 2 (male)

Fig. 4 (male)

Fig. 6 (male)

Without Insulation Support

With Insulation Support

Product No. AWG

Product No. AWG

66570-3 **2** 28-24 **3.32**

AWG

28-24

1-66505-0**2** 28-24**19**

66683-4**≈** 28-24**32**

745253-6**≈** 26-22 ... **.22**

66504-9**≈** 24-2016

5-66504-7 24-20

1-66504-0 24-20

28-24 . **\$.10**

66569-3 🕿

Product No.

D Series: Plastic hood with strain relief (gray) MD Series: Metal coated plastic hood w/ strain relief MH Series: Die-cast metal hood with strain relief 230893: Plastic clam shell hood (black)

Part No.	Mfr.	Product No.	Pins	1	10	100
15722	Jameco VP	DB9H ≈	9	\$.59	\$.49	\$.39
25620	Jameco VP	MDB9H	9	65	.55	.45
147741	Jameco VP	MHDB9 ₹	9	1.59	1.39	1.19
230893	AMP	205729-1	9	2.49	2.25	1.95
15019	Jameco VP	DA15H ≈	15	75	.59	.49
25567	Jameco VP	MDA15H ≈	15	89	.69	.59
15086	Jameco VP	DB25H ≈	25	59	.49	.39
25604	Jameco VP	MDB25H ≈	25	89	.69	.59
15107	Jameco VP	MHDB25₹	25	2.25	1.95	1.75
15457	Jameco VP	DC37H ≈	37	95	.79	.65
25612	Jameco VP	MDC37H ≈	37	65	.55	.45
15660	Jameco VP	DD50H ≈	50	1.25	1.09	.95

25-Pin Dual Plastic Hood

Designed for custom applications requiring two D-sub connectors. Applications include custom jumper boxes and interconnects.

Part No.

34091

Part No.

224485

229948

224493

229964

224506

224101

224119



*AMPLIMITE Available Online — Enter Web Code WAB

*D-Sub Junction Shells Online — Enter Web Code JEM

Circuits Type

Free hanging

Panel mount

Free hanging

Panel mount

Free hanging

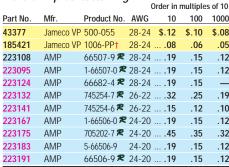
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2

3

D-Sub Contacts

Male Crimp Contacts - Fig. 4



† Use with 180882, pg 62

Female Crimp Contact (M39029/63-368) - Fig. 5

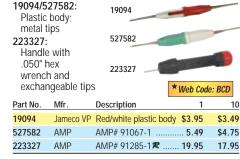
 Machined 	
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Part No.	Mfr.	Product No. 1	10	100
449351	AMP	205090-1 ? \$. 55	\$.45	\$.39

Male Crimp Contact (M39029/64-369) - Fig. 6 Machined

Part No.	Mfr.	Product No. 1	10	100
449342	AMP	205089-1 ₹ \$. 49	\$.39	\$.35

D-Sub Pin Insertion/ Extraction Tools



Description

25-pin hood

molex

- Passive friction lock Voltage: 250V Polarized housing assures proper mating
- Contact retention to housing: 20 lbs. min. .062" (1.57mm) Plugs • Current: 5.0A

Product No.

03-06-2023

03-06-2024

03-06-2032

03-06-2033

03-06-2042

Power Connectors

- Housing: nylon; UL94V-2
- Dielectric withstanding volt.: 1500VAC_{RMS}

• Temperature range	: -40°C to +105°C
* Order in multiples of 10	*Web Code: HBL

Pattern	Mating Co	nn.	1	10	100	•
In-line	224400		*	\$.15	\$.12	P
In-line	229956 .		.25	.19	.15	2
In-line	224418 .		.39	.32	.25	2
In-line	229972 .		.39	.32	.25	2
In-line	224426 .		.39	.32	.25	2
Matrix	224434 .		.45	.35	.29	2
Matrix	224442 .		.39	.32	.29	2
Matrix	230050 .		.39	.32	.25	2

n-line	224400		*	\$.15	\$.12			
In-line	229956		.25	.19	.15			
In-line	224418		.39	.32	.25			
In-line	229972		.39	.32	.25			
In-line	224426		.39	.32	.25			
Matrix	224434		.45	.35	.29			
Matrix	224442		.39	.32	.29			
Matrix	230050		.39	.32	.25			
Matrix	224451		.45	.35	.29			
* Order in multiples of 10 * Web Code: CBL								

224514	03-06-2044	4	Free hanging	Matrix	224434		.45	.35	.29
224522	03-06-2061	6	Free hanging	Matrix	224442		.39	.32	.29
230041	03-06-2062	6	Panel mount	Matrix	230050		.39	.32	.25
224531	03-06-2092	9	Free hanging	Matrix	224451		.45	.35	.29
.093" (2.36mm) Plugs • Curr.: 12A/cir. * Order in multiples of 10 * Web Code: CB								e: CBL	
	, ,								
Part No.	Product No.		Туре	Pattern	Mating C	onn.			100
				Pattern	Mating C 224143		1		
Part No.	Product No.	Circuits	Туре	Pattern In-line			1 *	10	100
Part No. 224071	Product No. 03-09-2022₹	Circuits 2	Type Free hanging	Pattern In-line In-line	224143		1 . * .32	10 \$.17	100 \$.14
Part No. 224071 224080	Product No. 03-09-2022₹ 03-09-2032₹	Circuits 2 3	Type Free hanging Free hanging	Pattern In-line In-line In-line	224143 224151		1 . * .32 . *	10 \$.17 .25	100 \$.14 .19

Free hanging	Matrix	224451	.45	.35	.29	
rr.: 12A/cir.	* Order i	n multiples of 1	10 🔭	Web Code:	CBL	:
Туре	Pattern	Mating Conn.	1	10	100	
Free hanging	In-line	224143	*	\$.17	\$.14	Į
Free hanging	In-line	224151	.32	.25	.19	
Free hanging	In-line	224160	*	.19	.15	
Free hanging	Matrix	229817	.59	.49	.39	
Panel mount	In-line	230156	.35	.29	.22	
Free hanging	Matrix	224178	.39	.32	.25	
Free hanging	Matrix	224186	.39	.32	.25	



.05

.12

.19

.12







Free Hanging Plug Panel Mount Receptacle (Matrix) (In-line) (Matrix) (In-line)

.062" (1	.57mm) Rec	eptacle	es	* Order	in multiples of 10	* Web Cod	le: HBL
Part No.	Product No.	Circuits	Туре	Pattern	Mating Conn.	1 10	100
224400	03-06-1023	2	Free hanging	In-line	224485	* \$.15	\$.12
229956	03-06-1022	2	Panel mount	In-line	229948	* .17	.14
224418	03-06-1032	3	Free hanging	In-line	224493	* .17	.14
229972	03-06-1038	3	Panel mount	In-line	229964	29 .22	.17
224426	03-06-1042	4	Free hanging	In-line	224506	45 .35	.29
224434	03-06-1044	4	Free hanging	Matrix	224514	39 .32	.25
224442	03-06-1062	6	Free hanging	Matrix	2245224	45 .35	.29
230050	03-06-1061	6	Panel mount	Matrix	2300414	45 .35	.29
224451	03-06-1092 ≉	9	Free hanging	Matrix	2245314	45 .35	.29

.093" (2.36mm) Receptacles			* Order in multiples of 10 ★ Web Code				e: CBL	
Part No.	Product No.	Circuits	Туре	Pattern	Mating Conn.	1	10	100
224143	03-09-1022	2	Free hanging	In-line	224071	*	\$.17	\$.14
224151	03-09-1032	3	Free hanging	In-line	224080	.32	.25	.19
224160	03-09-1042	4	Free hanging	In-line	224098	.35	.29	.22
229817	03-09-1049	4	Free hanging	Matrix	229825	.45	.35	.29
230156	03-09-1041	4	Panel mount	In-line	230148	.35	.29	.22
224178	03-09-1064	6	Free hanging	Matrix	224101	.35	.29	.22
224186	03-09-1094	9	Free hanging	Matrix	224119	.55	.45	.35

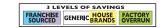
For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above

Positive lock, not detent lock

03-09-2062

03-09-2092 #

Power Connectors, Headers, Shorting Blocks & Tools



molex Power Connector Contacts



Crimp-Type Contacts .062" (1.57mm) Bulk

* Wel	b Code: JBL					
Order in multiples of 10						
AWG	10 1	00	1000			

Part No.	Mfr. P/N	Gende	r AWG	10	100	1000
224581	02-06-2132	M	24-30 .	\$.12	\$.09	\$.07
224573	02-06-1132	F	24-30 .	09	.06	.045
224565	02-06-2103	M	18-24 .	10	.07	.05
224557	02-06-1103	? F	18-24 .	10	.07	.05

.093" (2.36mm) Bulk

Part No.	Mfr. P/N	Gender	AWG	10	100	1000
224207	02-09-2118	R M	18-22 .	. \$.12	\$.09	\$.07
224215	02-09-1119	₹ F	18-22 .	12	.09	.07
224223	02-09-2103	R M	14-20 .	12	.09	.07
224231	02-09-1104	₹ F	14-20 .	12	.09	.07

molex* .093" Power Connector Kit

Kit contains mating sets of housings and pins.

- · 2 each 4-pin plugs & receptacles, 10 each female and male contacts Volt.: 250VAC
- Temp. range: -40°C to +105°C





* Web Code: CAV



Includes: Male and female tin-plated standard brass .010" pins; 18-22 AWG crimp size wire

Part No.	IVITT. P/N	Description	- 1	10	50
142201	1490	4-pin kit	\$4.49	\$3.95	\$3.49

Waldom Hand Crimp Tools

Designed to crimp terminals, strip and cut wires, and cut bolts. For Molex .062" & .093" crimp pin terminals and KK® series on page 66.



308030: Cuts & strips 14-24 AWG wires 227491: Cuts & strips 18-30 AWG wires

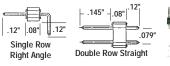
Part No.	Mfr. P/N	Length	Color	1	5
308030	W-HT-1919	8.3"L	Red	. \$14.49	\$12.95
227491	W-HT-1921	8.3"L	Yellow	14.49	12.95

Waldom Connector Extraction Tools



.079" (2.00mm) Male Headers

- Solder to PC boards for instant plug-in access via
- shorting blocks (below right) ★ Web Code: VMH · Insulator: UL94V-0 polyester
- Contact material: phosphor bronze
- Temperature range: -55°C to +120°C
- .025" square posts on a .100" x .100" matrix
- Use with crimp connector housing, pg 69
- Current rating: 1 amp
 Contact area: gold



Right Angle Single Row Male Headers

	Cross		* (Order in	multiple	s of 10
Part No.	Ref. No.	Contacts	1	10	100	1000
2076906	079RA11	1	. *	\$.10	\$.08	\$.06
2076914	079RA12	2	*	.12	.10	.08
2076922	079RA14	4	.25	.21	.19	.15
2076931	079RA15	5	.29	.25	.23	.19
2076949	079RA110	10	.59	.49	.45	.39

Straight Single Row Male Headers

	Cross		* (Order in	multiple	s of 10
Part No.	Ref. No.	Contacts	1	10	100	1000
2076957	079SS2	2	. *	\$.14	\$.12	\$.10
2077087	079SS3 	3	*	.15	.13	.11
2077095	079SS4 	4	*	.19	.15	.12
2077108	079SS6 	6	.29	.25	.21	.18
2077116	079SS10 %	10	.49	.45	.35	.29
2077124	079SS14 2	14	.69	.59	.49	.39
2077132	079SS20 2	20	.99	.85	.69	.59

Straight Double Row Male Headers

	Cross		* (Order in	multiple	s of 10
Part No.	Ref. No.	Contacts	1	10	100	1000
2077141	079DH4 ₹	4	. *	\$.19	\$.16	\$.13
2077167	079DH6 ≈	6	.29	.25	.19	.16
2077204	079DH8 ₹	8	.39	.35	.29	.25
2076965	079DH10	10	.49	.45	.39	.35
2076973	079DH12	12	.59	.55	.49	.45
2076981	079DH14	14	.69	.65	.59	.49
2076990	079DH16	16	.79	.69	.65	.55
2077001	079DH20	20	.99	.89	.75	.65
2077010	079DH26	26 1	.49	1.25	1.09	.89
2077028	079DH30	30 1	.75	1.49	1.29	1.09
2077036	079DH40	40 1	.95	1.75	1.59	1.39

.079" (2.0mm) Pitch Milli-**Grid Right Angle Header**

Molex 87760 Series Value Equivalence

- Current rating: 2A
- Voltage rating: 125V
- Under plating: nickel
- UL94V-0 rated
- · Withstanding voltage: 500VAC
- Contact resistance: 25mΩ max.
- Insulation resistance: $1000M\Omega$
- · Housing material:
- PCT Polyester, glass filled Contact: phosphor bronze
- Contact plating: 0.38μm (15μ") gold selective
- Plating tail: 1.9μm (75μ") tin
- Pin size: 0.50mm (0.20") square

Part No.	Cross Ref. No.	Circuits 1	10	100
378783	87760-0816	8 \$.49	\$.39	\$.32

.098" (2.36mm) Post Header

Horizontal Mount

- Housing: 6/6 nylon, UL94V-0
- Posts: brass/tin

Part No.	Mfr. P/N	Pos.	1	10	100
742320	171826-4 2	4	\$.65	\$.55	\$.45



.100" (2.54mm) **PCB Connectors**

Receptacle, Top Entry with Hooks (Tin/Brass)

- Accepts 0.025" square posts
- Voltage rating: 250VAC
- Contact resistance: $40m\Omega$ max.
- Insulation material: nylon 6/6, UL94V-2
- Withstanding voltage:

	AC/min.		*	Web Code:	YBZ
Part No.	Mfr. P/N	Pos.	1	10	100
688386	2405S08V000 2	8	\$.55	\$.45	\$.35
688394	2405509\/0002	Q	55	45	35



MTA-100 .100" (2.54mm) **IDC Connectors** BLOW

OUT!

Closed-End Style w/o Polarizing Tabs w/ Locking Ramp

- Low-level resistance: 6mΩ max. initial
- · Dielectric withstand: 750VAC/1 min.
- Insulation resistance: 50kMΩ min.
- · Contacts: phosphor bronze, tin-plated * Web Code: CCV
- Voltage rating: 250VAC
- Current rating: 5A

* Order in multiples of 10 Part No. Mfr. P/N 3-640440-2**₹**0 22 640440-4 524710 4 22 Red29 .22 524681 1-640440-2 12 22 Red

Blue Part No. = Limited Quantity Available

T-Handle Tool

 For .100" (2.54mm) IDC connectors

BLOW OUT!

Part No. Mfr. P/N Description Price 365974 59803-1 .100" hand tool . \$18.95



.100" & 2mm **Shorting Blocks**







• Mates to .025" square posts on .100" centers

- · Shorts headers/jumper blocks or color codes strip line plugs · Mate with male headers, above
- · Pin material: phosphor bronze

Open: open on top to allow for a test point Closed: closed top

	closed top 2mm (for disk drives)	* W	★ Web Code: MAC				
117204.	Zillili (loi disk dilves)	Order in	multiple	s of 10			
Part No.	Description	10	100	500			
22023	Top open, black (.100") ⊕	\$.10	\$.07	\$.05			
119264	Top open, black (2mm) ₹	12	.09	.07			
112425	Top open, blue (.100") ₹	10	.07	.05			
112417	Top open, red (.100") ₹	12	.09	.07			
19141	Top closed, black (.100")₹	10	.07	.05			
112442	Top closed, blue (.100")₹	12	.09	.07			
112432	Top closed, red (.100") ⊕	12	.09	.07			
152671	Top closed, black (.100")	15	.12	.09			

*Shunts Available Online — Enter Web Code LCU



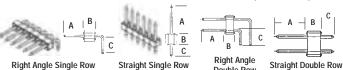


* Web Code: DAP

* Order in multiples of 10

Breakaway & Friction Lock Headers

.100" (2.54mm) Breakaway Male Headers



Double Row

Riaht	Anale	Sinale	Row	Male	Headers

Right A	Right Angle Single Row Male Headers						eb Code:	DAH
Part No.	Mfr.	Cross Ref. No.	Pos.	Size (A"xB"xC")	Plating	1	10	100
2076842	Various	RMH5	5	.23 x .10 x .12	Gold	\$.35	\$.29	\$.25
2076851	Various	RMH6	6	.23 x .10 x .12	Gold	35	.29	.25
153728	Jameco ValuePro	RMH8⊕	8	.23 x .10 x .12	Gold	39	.35	.29
2076869	Various	RMH26	26	.23 x .10 x .12	Gold	55	.45	.35
103271	Jameco ValuePro	RMH36 ₹	36	.23 x .10 x .12	Gold	95	.79	.65
1946041	Jameco ValuePro	RMH36AR(type A)	2 36	.12 x .10 x .22	Gold	85	.69	.55

Straigh	t Single Row	Male Heade	rs	* Order in mul	tiples of 10	* We	b Code:	TAM
Part No.	Mfr.	Cross Ref. No.	Pos.	Size (A"xB"xC")*	Plating	1	10	100
2076797	Various	SMH01	1	.23 x .10 x .12	Gold	*	\$.12	\$.09
222966	Various	SMH01GT-43	2	.43 x .10 x .12	Gold/Tin	*	.14	.11
879406	Molex	22-28-4020	2	.23 x .10 x .12	Tin	.25	.19	.15
108337	Various	SMH02⊕	2	.23 x .10 x .12	Gold	.25	.19	.15
109575	Various	SMH03⊕	3	.23 x .10 x .12	Gold	.29	.22	.17
687148	Leoco	2556P03JL62 ₹	3	.23 x .10 x .12	Gold/Tin	*	.14	.11
117559	Various	SMH04⊕	4	.23 x .10 x .12	Gold	.29	.22	.17
2076789	Various	SMH05	5	.23 x .10 x .12	Gold	.25	.19	.15
153699	Various	SMH06⊕	6	.23 x .10 x .12	Gold	.29	.22	.17
2076800	Various	SMH07	7	.23 x .10 x .12	Gold	.25	.19	.15
687181	Leoco	2556P07JL62 ₹	7	.23 x .10 x .12	Gold/Tin	.35	.29	.22
153702	Jameco ValuePro	SMH08₹	8	.23 x .10 x .12	Gold	.29	.22	.17
2076818	Various	SMH09	9	.23 x .10 x .12	Gold	.25	.19	.15
103392	Various	SMH10⊕	10	.23 x .10 x .12	Gold	.29	.22	.17
687210	Leoco	2556P10JL62 ₹	10	.23 x .10 x .12	Gold/Tin	.39	.32	.25
686680	Leoco	2556P12TL63₹	12	.30 x .10 x .12	Tin	.32	.25	.19
103377	Jameco ValuePro	SMH17 ≈	17	.23 x .10 x .12	Gold	.35	.29	.22
103369	Jameco ValuePro	SMH20₹	20	.23 x .10 x .12	Gold	.35	.29	.22
202825	Jameco ValuePro	SMH22	22	.23 x .10 x .12	Gold	.35	.29	.22
103351	Jameco ValuePro	SMH25₹	25	.23 x .10 x .12	Gold	.39	.32	.25
103342	Jameco ValuePro	SMH30₹	30	.23 x .10 x .12	Gold	.39	.32	.25
222991	Various	SMH32GT ₹	32	.23 x .10 x .12	Gold/Tin	.39	.32	.25
2076826	Various	SMH34	34	.23 x .10 x .12	Gold	.39	.32	.25
68339	Jameco ValuePro	SMH36⊕	36	.23 x .10 x .12	Gold	.45	.35	.29

40 .23 x .10 x .12

* Web Code: FCC

Straight Friction Lock

Jameco ValuePro SMH40₹

C-Grid Dual Row, Vertical, High Temperature

Contact resistance: 15mΩ max.

• Contacts: phosphor bronze

· Dielectric withstanding voltage: 1500V

Diciocure with standing voltage. 1300 v Garrent.						
Part No.	Mfr.	Cross Ref. No.	Pos. Si	ize (A"xB"xC")	Plating	
514466	Molex	10-89-710	10 2.	.49 x .40 x .10	Gold	\$
						_



Right Angle Double Row Male Headers

Part No.	Mfr.	Cross Ref. No.	Pos.	Size (A"xB"xC")	Plating	1	10	100
203908	Jameco ValuePro	923804DR	4	.23 x .10 x .12	Gold	*	\$.15	\$.12
203917	Jameco ValuePro	923806DR ≉	6	.23 x .10 x .12	Gold	25	.19	.15
203924	Jameco ValuePro	923808DR	8	.23 x .10 x .12	Gold	25	.19	.15
203932	Jameco ValuePro	923810DR	10	.23 x .10 x .12	Gold	29	.22	.17
203959	Jameco ValuePro	923814DR	14	.23 x .10 x .12	Gold	32	.25	.19
203967	Jameco ValuePro	923816DR	16	.23 x .10 x .12	Gold	39	.32	.25
203975	Jameco ValuePro	923818DR	18	.23 x .10 x .12	Gold	.45	.35	.29
53576	Jameco ValuePro	923820DR ≉	20	.23 x .10 x .12	Gold	49	.39	.32
53583	Various	9238260DR⊕	26	.23 x .10 x .12	Gold	.55	.45	.35
204038	Jameco ValuePro	923834R	34	.23 x .10 x .12	Gold	.65	.55	.45
53604	Various	923840DR⊕	40	.23 x .10 x .12	Gold	65	.55	.45
53612	Jameco ValuePro	923850DR⊕	50	.23 x .10 x .12	Gold	75	.65	.55
103413	Jameco ValuePro	923872DR⊕	72	.23 x .10 x .12	Gold	85	.69	.59
139563	Jameco ValuePro	923880DR⊕	80	.23 x .10 x .12	Gold	1.09	.89	.75

Straight	Double Row	* L	* Web Code: QCM				
3					* Order in	multiple	s of 10
Part No.	Mfr.	Cross Ref. No.	Pos.	Size (A"xB"xC")	Plating 1	10	100
15156	Various	DMH04GT	4	.23 x .10 x .12	Gold/Tin *	\$.12	\$.09
115027	Various	923804DS⊕	4	.23 x .10 x .12	Gold *	.17	.14
115035	Jameco ValuePro	923806DS⊕	6	.23 x .10 x .12	Gold <mark>25</mark>	.19	.15
15158	Various	DMH06T-30	6	.30 x .10 x .12	Tin <mark>25</mark>	.19	.15
15747	Various	DMH06-30	6	.30 x .10 x .12	Gold29	.22	.17
109516	Various	923808DS⊕	8	.23 x .10 x .12	Gold29	.22	.17
67821	Jameco ValuePro	923810DS ₹	10	.23 x .10 x .12	Gold <mark>35</mark>	.29	.22
203810	Jameco ValuePro	923812DS	12	.23 x .10 x .12	Gold <mark>39</mark>	.32	.25
118456	Jameco ValuePro	923814DS ≉	14	.23 x .10 x .12	Gold <mark>49</mark>	.39	.32
109568	Jameco ValuePro	923816DS ₹	16	.23 x .10 x .12	Gold <mark>55</mark>	.45	.35
2076877	Various	923818DS	18	.23 x .10 x .12	Gold55	.45	.35
53480	Jameco ValuePro	923820DS ≈	20	.23 x .10 x .12	Gold <mark>65</mark>	.55	.45
203836	Jameco ValuePro	923822DS	22	.23 x .10 x .12	Gold <mark>65</mark>	.55	.45
203844	Jameco ValuePro	923824DS	24	.23 x .10 x .12	Gold <mark>75</mark>	.59	.49
53495	Various	923826DS	26	.23 x .10 x .12	Gold65	.55	.35
203852	Jameco ValuePro	923828DS	28	.23 x .10 x .12	Gold <mark>75</mark>	.59	.49
203861	Jameco ValuePro	923832DS	32	.23 x .10 x .12	Gold <mark>75</mark>	.59	.49
53517	Jameco ValuePro	923834DS ≈	34	.23 x .10 x .12	Gold <mark>75</mark>	.59	.39
203888	Jameco ValuePro	923836DS ₹	36	.23 x .10 x .12	Gold <mark>85</mark>	.69	.55
203895	Jameco ValuePro	923838DS	38	.23 x .10 x .12	Gold <mark>49</mark>	.39	.25
53532	Various	923840DS⊕	40	.23 x .10 x .12	Gold75	.59	.49
53560	Jameco ValuePro	923850DS ₹	50	.23 x .10 x .12	Gold <mark>75</mark>	.59	.49
68574	Jameco ValuePro	923860DS⊕	60	.23 x .10 x .12	Gold <mark>85</mark>	.69	.55
103406	Jameco ValuePro	70002X36SG-R ≉	72	.23 x .10 x .12	Gold <mark>95</mark>	.79	.65
117197	Jameco ValuePro	923880DS ₹	80	.23 x .10 x .12	Gold 1.09	.95	.79

Straight Triple Row Male Headers

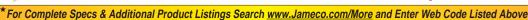
Part No.	Mfr.	Cross Ref. No.	Pos. Size (A"xB"xC")	Plating	1	10	100
2076885	Various	933812TS	12 .23 x .10 x .12	Gold	.65	\$.55	\$.45
2076893	Various	933824TS	36 .23 x .10 x .12	Gold	.65	.55	.45

.100" (2.54mm) Friction Lock Headers

Right Angle Friction Lock Headers * Order in multiples of 1									
	Part No.	Mfr.	Product No.	Pos.	Size (A"xB"xC"xD")	Plating	1	10	100
	233437	Molex	22-05-3021	2	.26 x .13 x .14 x .32	Tin	*	\$.17	\$.14
	233445	Molex	22-05-3031	3	.26 x .13 x .14 x .32	Tin	32	.25	.19
	233453	Molex	22-05-3041🕿	4	.26 x .13 x .14 x .32	Tin	35	.29	.22
	233461	Molex	22-05-3051	5	.26 x .13 x .14 x .32	Tin	45	.35	.29

22-05-3081 233496 Molex .26 x .13 x .14 x .32 Tin59

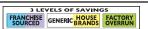
.26 x .13 x .14 x .32 Tin49



233470

Molex

232291



Right Angle Friction Lock

879588

22-05-3061

.32

.39

*Web Code: GBN

^{*}Dimension "A" has gold plating; dimension "C" has tin plating

FRANCHISE GENERIC HOUSE FACTORY OVERRUN

molex'

.100" (2.54mm) Friction Lock Headers (Continued)



* Web Code: GBN

Photos on previous page

Straigh	nt Friction Loc	k Head	ders		*	Order i	n multiple	s of 10	Straigh	nt Friction Loc	ck Head	ders (Continued)		* Order	in multiple	es of 10
Part No.	Product No.	Mfr.	Size (A"xB"xC"xD")	Plating	Pos.	1	10	100	Part No.	Product No.	Mfr.	Size (A"xB"xC"xD")	Plating	Pos. 1	10	100
232266	22-23-2021 🗷	Molex	.30 x .13 x .14 x .32	Tin	2	\$.29	\$.23	\$.15	879633	22-29-2041	Molex	.30 x .17 x .14 x .46	Gold	4 \$.59	\$.49	\$.45
879254	22-27-2021 🕿 🛊	Molex	.30 x .13 x .14 x .46	Tin	2	*	.19	.15	232291	22-23-2051	Molex	.30 x .13 x .14 x .32	Tin	549	.43	.29
613931	640456-2 	AMP	.30 x .10 x .14 x .31	Tin	2	*	.07	.06	232303	22-23-2061	Molex	.30 x .13 x .14 x .32	Tin	6 *	.19	.16
233584	22-11-2022	Molex	.30 x .13 x .14 x .32	Gold	2	28	.25	.22	879342	22-27-2061	Molex	.30 x .13 x .14 x .46	Tin	637	.34	.31
879588	22-29-2021	Molex	.30 x .17 x .14 x .46	Gold	2	39	.35	.33	233621	22-11-2062	Molex	.30 x .13 x .14 x .32		654	.49	.41
232274	22-23-2031	Molex	.30 x .13 x .14 x .32	Tin	3	*	.12	.10								
879271	22-27-2031	Molex	.30 x .13 x .14 x .46	Tin	3	34	.31	.24	232320	22-23-2081	Molex	.30 x .13 x .14 x .32	Tin	873	.64	.43
233592	22-11-2032	Molex	.30 x .13 x .14 x .32	Gold	3	87	.77	.51	687914	2571P09V000	Leoco	.30 x .13 x .14 x .32	Tin	9 .49	.39	.29
232282	22-23-2041	Molex	.30 x .13 x .14 x .32	Tin	4	42	.36	.23	232346	22-23-2101	Molex	.30 x .13 x .14 x .32	Tin	10 .34	.31	.27
879300	22-27-2041 🕿 🛳	Molex	.30 x .13 x .14 x .46	Tin	4	*	.19	.15	232354	22-23-2121	Molex	.30 x .13 x .14 x .32	Tin	12 .66	.59	.53

molex^{*}

KK® Series .100" (2.54mm) Female Housings

- Contact resistance: $20m\Omega$ max.
- Insulation resistance: $50kM\Omega$

Housing Material:

- · Contact retention to housing: 8 lbs. min.
- Contact insertion force: 1.5 lbs. max

· Dielectric withstanding volt.: 1500VAC · Voltage: 250V









22/1201	

Contact insertion force: 1.5 lbs. max.	 Housing: nylon, UL94V-0
Operating temperature: 0 to 75°C	Housing with

Housing w/Locking Ramp

Part No.	Mfr. Part No.	Positions	1	10	100
234704	22-01-2027	2	*	\$.17	\$.11
234712	22-01-2037	3	*	.19	.13
234721	22-01-2047	4	25	.21	.16
234739	22-01-2057	5	33	.28	.17
234747	22-01-2067	6	37	.26	.22
234771	22-01-2107	10	61	.53	.39

Housing with Locking Ramp & Polarizing Ribs

1	Part No.	Mfr. Part No.	Positions	1	10	100
	234798	22-01-3027	2	*	\$.06	\$.05
	234801	22-01-3037	3	*	.19	.14
	234819	22-01-3047	4	28	.24	.16
	234827	22-01-3057	5	36	.31	.21
:	234835	22-01-3067	6	*	.17	.14
	234851	22-01-3087	8	57	.50	.35
	234878	22-01-3107	10	60	.55	.49

Crimp Tool For Micro-Fit **Connectors EXCLUSIVE**

 Length: 8.25" Product No. \$22.49 338678 \$19.95

Extraction Tool For Micro-Fit

Connectors Length: 3.0"

Product No. 338669

(3.0mm) Micro-Fit Connectors

- · Fully isolated contacts
- · Housing: polyester, UL94V-0
- Fully polarized to mating header/receptacle

Fig. 4 **AMECO**

Single Row Receptacles (Fig. 1) **EXCLUSIVE** Part No. Mfr. 10 100 Product No. Pos. JamecoVP 43645-0200₹ 2.. \$.25 \$.15 JamecoVP 43645-0400₹

Dual Row Receptacles (Fig. 2)

Part No.	Mtr.	Product No.	Pos.	1 10	100
882867	Molex	43025-0200≈	2 \$.2	9 \$.19	\$.15
337674	JamecoVP	43025-0400	43	9 .35	.29
882921	Molex	43025-0800 ≈	84	9 .45	.39
882963	Molex	43025-1200	12 .7	5 .63	.59
883026	Molex	43025-1800 ≈	18 .9	5 .85	.75

Dual Row Plug - Free Hanging (Fig. 3)

- Contacts: tin or 30µ" gold plating over phosphor bronze
- Contact resistance: $10m\Omega$ (max.) Wire to wire
- Voltage/current rating: 250V @ 5.0A (max.)
- Mates with 43020 and 43045 series
- Black Order in multiples of 10 Part No. Product No. Pos. 1 10 100 JamecoVP 43020-0801 ₹ 8 .. \$.25 \$.21 \$.16

Dual Row PCB Headers (Fig. 4)

Compatible with PCB polarizing pegs
 Black

Right Angle w/ Snap-In Plastic Peg

Part No.	Mfr.	Product No.	Pos.	1	10	100
338167	JamecoVP	43045-1002	10	\$.99	\$.89	\$.79
338212	JamecoVP	43045-1200 🗷	2 12 .	59	.55	.49
338221	JamecoVP	43045-1202 🗷 1	12	1.39	1.25	.99
338571	JamecoVP	43045-1400 🗷	14.	69	.59	.55

Vertical Thru Hole

337922 JamecoVP 43045-0212 ₹ 2 .. \$.65 \$.55 \$.39 JamecoVP 43045-0214 ₹ 1 12 1.29 1.15

1Gold 2Tin

Female & Male Contacts

- Tin plating over phosphor bronze
- 20-24 AWG (†26-30 AWG)

Blue P/N	= Limited Qua	ntity Available	Order i	n multiple	S 01 10
Part No.	Mfr.	Product No.	Type	10	100
337720	JamecoVP	43030-0007₽	Female	\$.10	\$.09
883093	Molex 🖸	43030-0007 ≈	Female	08	.07
337738	JamecoVP	43030-0009 2	Female	13	.12
337762	JamecoVP	43031-0007	Male .	09	.08
337789	JamecoVP	43031-0010	† Male .	06	.05

KK® Series .100" (2.54mm) Crimp Terminals

- Current: phosphor bronze 4.0A max.; brass - 2.5A max.
- Insulation range: 0.062" (1.58mm) diameter max.
- · Accommodates 22 to 30 AWG
- Material: 736456/736501/234923/234931: brass; 736595/462969/463005: phosphor bronze



BUIK Pa	іскадей		Order in multiples of 10			
Part No.	Mfr. Part No.	Plating	10	100	100	
736456	08-50-0005≉	Tin/copper .	\$.13	\$.11	\$.0	
736501	08-50-0113₹	Tin	05	.04	.0	
234923	08-50-0114 	Tin	06	.05	.0	
234931	08-55-0102 ≉	15μ" gold	13	.12	.1	
736595	08-52-0123₹	Tin	11	.10	.0	
462969	08-65-0805₽	Tin (cat ear)	11	.10	.0	
463005	08-65-0816	15μ" gold	19	.15	.13	

Female

Dully Doolson

.156" (3.96mm) Center **Housing Connectors**

Common to many power supplies *Web Code: DAN carried by Jameco. Some power supplies (pgs 114-116) may require multiple connectors

Housing material: nylon 66, UL94V-2

Use w/ crimp pin, 78319, below



Order in multiples of 10

Part No.	Product No.	Pins	10	100	1000
176743	7900F-2	2	\$.05	\$.04	\$.03
104433	7900F-3 ₹	3	08	.07	.06
104716	7900F-4 ≈	4	11	.09	.08
104723	7900F-5⊕	5	13	.12	.10
104731	7900F-6⊕	6	16	.14	.12
104766	7900F-10⊕	10	25	.22	.18

Center Crimp Pin • 18-24 AWG

 Material: brass/tin plated ★ Web Code: YAJ



Part No. Product No. 10 100 500 78319 JS-5001-T **₹** \$.05

*More Housings Online — Enter Web Code CRH

* Hand Tools — Enter Web Code VBW

Product requires 1-2 additional days to ship. Request 'ship partial' if you want other items to ship sooner (note separate shipping charges will apply). Minimum order quantity & prices are subject to change 🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.





.156" (3.96mm) Pitch **Locking Headers**

- · Voltage: 250VAC
- Housing: nylon, UL94V-2
 Current: 7A Contacts: brass
- Dielectric withstanding volt.: 1500VAC

 *Web Code: JDL



Tin Solid Headers with Straight Friction Lock

* Order in multiples of 1						s of 10
Part No.	Mfr.	Product No.	Pos	1	10	100
879861	Molex	26-60-4020	2	*	\$.15	\$.13
879887	Molex	26-60-4030	3	.25	.22	.19
879908	Molex	26-60-4040	4	.38	.28	.22
879941	Molex	26-60-4060	6	.57	.51	.38
880036	Molex	26-60-4100	10	.75	.68	.51
104846	Jameco VP	LMH10	10	.33	.28	.20

Crimp Terminals

- Female .110" max. wire insulation (
- For 2139 & 3069 series (above)
- AWG: 18-20
- · Plating: A: brass/tin; B: phosphor bronze/tin;

ution	
or bro	nza/tin·

			Oraci iii	manupic	3 01 10
Part No.	Mfr.	Product No.	Plating	10	100
736481	Molex	08-50-0106 🗷	Α	. \$.06	\$.05
462774	Molex	08-50-0165 2 †	Α	09	.06
736587	Molex	08-52-0113 2 † *	Α	08	.06
736552	Molex	08-52-0071 🕿	В	04	.03
736561	Molex	08-52-0072 🗷	В	08	.06
†Trifurcon	*Cat ear				

.156" (3.96mm) **Male Headers**

Straight Friction Lock

- .045" square posts
- · Voltage and current rating: 600VĂC @ 7.0A
- Insulator material: polyester
- UL94V-0 flammability rating
- · Contact material/plating: copper alloy/tin
- Solder tail material/plating: copper alloy/tin
- Dimensions: (A) .450"; (B) .125"; (C) .125"; (D) .425" * Order in multiples of 10

Part No.	Product No.	Pos.	1	10	100
231546	640445-2 2	2	*	\$.09	\$.07
231554	640445-3≉	3	*	.10	.09
231562	640445-48	4	29	.22	.15



.156" (3.96mm) **Female Housings**



236224

236339

- · Voltage/current rating: 250VAC @ 6.5A max. Material: nylon,
- unreinforced 94V-0 · Dielectric withstanding
- voltage: 2kVAC • Insulation res: 1,000M Ω min.
- Hole diameter: .054" (1.37mm)

With Locking Ramp

Dimensions: (A) .660"; (B) .250"; (C) .100"; (D) .0365"

		* Order in multiples of 10				
Part No.	Product No.	Pos.	1	10	100	
236144	640250-2 🗷	2	*	\$.12	\$.08	
236152	640250-3 🕿	3	29	.12	.08	

With Locking Ramp & Polarizing Tabs

• Dimensions: (A) .660"; (B) .250"; (C) .100";

	(D) .019	" ±.003"	* Order i	n multiple	es of 10
Part No.	Product No.	Pos.	1	10	100
236321	770849-2	2	*	\$.12	\$.08
236339	770849-3🗷	3	29	.13	.12

molex

AMP

JAMECO Value Pro

.156" Crimp Contacts

- Voltage rating: 250VAC
- Current rating: 10A max.
- Low level resistance: 30mΩ max.
- · Insulation resistance: $1000M\Omega$ min.
- * Web Code: XBP · For use with .156" AMP housings (see web)

248866: 80µ" bright tin lead over 50µ" nickel, brass 248903: 80µ" bright tin lead over 50µ" nickel, phosphor bronze

Order in multiples of 10

Part No.	Mfr. P/N	Description	AWG	10	100	500
248866	640706-1	High force	18-24	\$.22	\$.16	\$.14
248903	770522-1	Low force	18-24	19	.14	.12

.165" (4.19mm) Mini-Fit Jr.™ **Type Contacts**





Type*: A: Tin over nickel over brass

- B: 15µ" gold over nickel over brass
- C: 30µ" gold over nickel over brass
- D: Tin over nickel over phosphor bronze

22-28 A	WG	* Order in multiples o				
Part No.	Mfr.	Product No.	Type*	1	10	100
304872	Molex	39-00-0047	2Δ	*	\$ 14	\$ 10

304872	Molex	39-00-0047	2A	*	\$.14	\$.10		
18-24 AWG								
Part No.	Mfr.	Product No.	Type*	1	10	100		
304733	Molex	39-00-0039	2A	*	\$.07	\$.06		
304725	Molex	39-00-0041	1A	*	.10	.09		
401859	Jameco VP	39-00-0076	1 B .	39	.35	.32		
401736	Jameco VP	39-00-0170	? 2B .	40	.37	.35		
401701	Jameco VP	39-00-0208	? 2A	*	.09	.07		
10 24 4	10.24 AMC							

18-24 AWG • Sold in 4000 piece reel					
	Part No.	Mfr.	Product No.	Type ³	4000
	307993	Molex	39-00-0038 	2A	\$.027

Part No.	IVIII.	Product No.	rype		10	100
365835	Jameco VP	39-00-0168₹	2C	\$.49	\$.44	\$.37
401710	Jameco VP	39-00-0212	2A	*	.07	.06
401779	Jameco VP	39-00-0218	2D	*	.06	.05

Hand Tools for Mini-Fit Jr.™



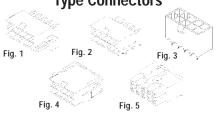
304928: Crimp tool wire range from 14-24 AWG, 8.5"L 304936: Extraction tool, 3.5"L

308030: Cuts & strips 14-24 AWG, 8.3"L 227491: Cuts & strips 18-30 AWG, 8.3"L

Part No.	Mfr.	Product No.	1	5
304928	Molex	63811-1000	. \$47.95	\$42.95
304936	Molex	11-03-0044	16.95	15.95
308030	Waldom Electro.	W-HT-1919	14.49	12.95
227491	Waldom Electro.	W-HT-1921	14.49	12.95

*.197" Socket Connectors Online — Enter Web Code BAJ

.165" (4.19mm) Mini-Fit Jr.™ Type Connectors



Double Row Headers

- · Fully isolated terminals to protect contacts from damage
- Use with strain relief or overmold applications
- · Positive housing lock for secure mating retention
- · Uses standard Mini-Fit series terminals
- · Housing: 6/6 nylon natural, UL 94V-2 rated
- UL/CSA/TUV approved
- Contact resistance: 10mΩ max.
- Dielectric withstanding voltage: 1500VAC
- Insulation resistance: 1000MΩ min.
- · Contact: brass or phosphor bronze
- Right Angle w/ Flange Gold Plated 30µ" (Fig. 1)

Part No.	Mfr.	Product No.	Pos. 1	10	100
304451	Molex	39-29-5043₹	4 \$1.09	\$.99	\$.89

Right Angle w/ Flange - Tin (Fig. 1)

Part No.	Mfr.	Product No.	Pos.	1	10	100
365552	Jameco VP	39-29-1248	24 \$1 .	99	\$1.79	\$1.49
304434	Molex	39-29-1248	24 2 .	99	2.75	2.55

Right Angle w/ Pegs - Tin (Fig. 2)

Part No.	Mfr.	Product No.	Pos. 1	10	100
365181	Jameco VP	39-30-1040	4 \$.30	\$.27	\$.24
365190	Jameco VP	39-30-1060₹	6 .41	.37	.33
365202	Jameco VP	39-30-1080	8 .36	.32	.29
365211	Jameco VP	39-30-1100	10 .61	.55	.49
365229	Jameco VP	39-30-1120	12 .69	.63	.57

Straight w/o Pegs & Drain Holes - Tin (Fig. 3) Dart No. N/Ifr Product No.

Part No.	Mfr.	Product No.	Pos.	1	10	100		
365042	Jameco VP	39-28-1243	24	\$.84	\$.76	\$.68		
Straight w/o Pegs & Drain Holes - Gold (Fig. 3)								

Straight w/o Pegs & Drain Holes – Gold (Fig. 3) Product No. Pos. 1 Jameco VP 39-29-0063 ₹ 6 \$1.75 \$1.45 \$1.35

Panel Mount Plugs w/ Mounting Ears (Fig. 4)

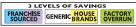
Part No.	Mtr.	Product No.	Pos.	. 1	10	100
303685	Molex	39-01-2021	2	\$.45	\$.38	\$.29
303693	Molex	39-01-2041	4	47	.40	.30
364875	Jameco VP	39-01-2061	6	42	.39	.26
364904	Jameco VP	39-01-2121	12	25	.21	.19
Recent	acles (Fin					

Receptacies (Fig. 5)			* 0	rder in	multiple	s of 10
Part No.	Mfr.	Product No.	Pos.	1	10	100
303562	Molex	39-01-2020 22 *	2	\$.34	\$.32	\$.21
364744	Jameco VP	39-01-2040🗷	4.	*	.10	.09
303571	Molex	39-01-2040 ≈ *	4.	41	.35	.25
364752	Jameco VP	39-01-2060₽	6.	*	.12	.10
303589	Molex	39-01-2060≉	6.	36	.32	.26
364761	Jameco VP	39-01-2080	8.	*	.20	.18
303597	Molex	39-01-2080₹	8 .	54	.46	.35
364787	Jameco VP	39-01-2120 🗷	12	25	.23	.21
364795	Jameco VP	39-01-2140	14	37	.33	.30
364841	Jameco VP	39-01-2240₹	24	85	.78	.72
303677	Molex	39-01-2240🗷	24	1.05	1.00	.78

^{*} Not for use with strain relief

Product requires 1-2 additional days to ship. Request 'ship partial' if you want other items to ship sooner (note separate shipping charges will apply). Minimum order quantity & prices are subject to change





3 LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE FACTORY OVERRUN

. JAMECO

.098" (2.49mm) Pitch AT **Power Connectors**

Voltage rating: 250V AC/DC

· Current rating: 7A AC/DC

Temperature range: -25°C to 85°C

 Withstanding volt.: 1500V/min. • Insulation resistance: $1000M\Omega$ min.

· For use with motherboards and power supplies · Material: nylon

78300: • Size: 0.93"L x 0.37"W x 0.57"H · Material of post: tin-plated brass

Diameter of post: 0.09"

78327: • Size: 0.94"L x 0.25"W x 0.74"H Part No. Descri 78300 6-pin r 78327 6-pin f





ption	1	10	100
male header	\$.45	\$.41	\$.32
emale housing 🗷	47	.45	.41

JAMECO ValuePro Power Connectors & Pins 42730 (Male for 42076) 42650 109146 117568 (Female for 42068) 42076 (Male) 42068 (Female) 114931 115000

EXCLUSIVE 114922 Connector & Housing Specifications:

- Voltage rating: 250VAC (Mate-N-Lock 600VAC)
- Operating temperature: -55°C to +105°C

Crimp Pin Specifications:

- · Material: tin plated brass · Current rating: 1.5A
- · Wire size range: 18-24 AWG
- Use crimp tool P/N 99443, pg 145

.200" - For 5.25" Disk Drives & Power Supplies 42076 & 42068 Connector Housings:

 External key bar indicates pin 1 Extraction tools, P/Ns 131887 &

13188	0 (see below)	PPCL	oouc.	IVAI
	mating connectors * order	in m	nultiples	of 10
Part No.	Description	1	10	100
109146	4-pin M vert. PCB mtg 🗷\$.	75	\$.68	\$.61
117568	4-pin M PCB mntg, horiz. edge mnt 🗷	95	.85	.72
42076	4-pin M housing ?	*	.12	.11
42068	4-pin F housing₹	*	.20	.15
42730	M crimp pin for 42076 ₹	*	.11	.08

.100" - For 3.5" Disk Drives & Power Supplies

F crimp pin for 42068 2

	* Order in m	nultiples	of 10
Part No.	Description 1	10	100
114931	4-pin F housing ? \$.25	\$.21	\$.19
114922	F crimp pin for 114931 2 *	.12	.10
115000	4-pin M rt. angle PCB mounting 235	.33	.31



42650

Extraction Tools for Crimp Pins

· Quickly and easily extract .093" locking pins from interlocking connectors

Length: 5" See above for crimp pins 131887: Male tool for 42730, above right

131880: Female tool for 42650, above right						
Part No.	Product No.	1	10			
131887	HT319C⊕	\$11.95	\$9.95			
131880	HT319B ≈	11.59	8.70			



.118"-Pitch ATX Power Connectors

* Web Code: RDM

For Motherboards and Power Supplies

• Current rating: 7A AC/DC • Temperature range: -25°C to 85°C **147379:** Material: nylon 66, UL-94VO

Material of post: tin-plated brass
 Diameter of post: 0.045"

147387: Material: nylon 66, UL-94VO

147395: Material: tin-plated brass



1 17 0 7 0 . 11	atorial: till plated bruss							+ 0	raer in mui	tiples of 10
Part No.	Description	L	W	Н	Dia	Use With	1	10	100	1000
147379	20-pin male connector	1.7"	0.4"	0.6"	_	_	\$.59	\$.53	\$.48	\$.43
147387	20-pin housing connector	1.7"	0.4"	0.8"	—	147395	.59	.53	.48	.43
147395	Power terminal pin, F ↔	0.59"	_	_	0.068"	147387	*	.13	.12	.11

.100" (2.54mm) AMPLATCH™ IDC Ribbon Connectors

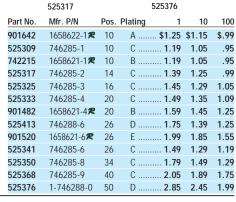
NOVO Receptacles -Center and Military Polarized

· Preassembled housing with cover

- Accepts 28-26AWG solid or stranded cables
- Contact current rating: 1A continuous
- · Housing, cover: 94V-0 rated thermoplastic, black
- Contacts: phosphor bronze, duplex plating

Contact Plating:

- A: 30µ" gold on localized gold plate area, 50µ" min. tin on termination end; B: 15µ" gold on localized gold plate area,100µ"~200µ" tin on termination end;
- C: 15µ" gold on localized gold plate area, 100μ"~200μ" tin lead termination end, all over 50μ" min. nickel on entire area;
- D: 30μ" gold on localized gold plate area,100μ"~200μ" bright tin lead on termination end, all over 50µ" nickel on entire contact area;
- E: 15µ" gold on localized gold plate area, 50µ" min. tin on termination end, all over 50µ" nickel on entire contact area





* Mah Coda: KAD

131887

.100" (2.54mm) Female **Header Receptacles**



Gold-plated contacts (†tin-plated)

* Web Code: RAH Double Row Right Angle (Side Entry)

Part No.	Mfr.	Contacts 1	10	100
71159	Jameco VP⊕	20 \$1.19	\$1.05	\$.85
Single	Row Sraight	(Top Entry)		
70755	Jameco VP ₹	8 \$.67	\$.63	\$.56
200783	Jameco VP ₹	12 99	.74	.56
308592	Jameco VP ₹	16 .67	.55	.36
308567	Jameco VP ₹	20 75	.69	.57
Daubla	Dave Chrainh	ot /Ton Francis		

Double	Row Straight	(Тор	Entry)
70720	Jamasa VD 🕒 🙃	14	¢

/0/20	Jameco VP 🗗 🙃	16 \$.79	\$.75	\$.69
70827	Jameco VP ₹	20 1.19	1.07	.86
454539	Various	30 99	.79	.65
105057	Jameco VP ₹	30 1.09	.98	.88
163862	Various	34 [†] 1.05	.94	.85
111705	Jameco VP ≈	40 1.42	1.27	1.09

Blue Part No. = Limited Quantity Available

.100" (2.54mm) Keyed Shrouded **Headers & Connectors**

CD-ROM 4-Pin Headers and Connectors







EXCLUSIVE

- Pin material: tin-plated brass
 Low profile
- Voltage rating: 250VAC/DC
- Current rating: 3A AC/DC
- Insulation resistance: $1000M\Omega$ min.
- · Connector material: PBT, 30% glass
- Header material: PBT + 30% glass
- · Withstanding voltage: 1000VĂC/ 1 min
- Recommend crimp tool P/N 99443, pg 145

* Web Code: XAW * Order in multiples of 10

Part No.	Description 1	10	100
152741	Straight header \$.49	\$.45	\$.39
152726	Rt. angle header 2	.53	.47
152734	Single w/ latch 2	.43	.39
181673	Female pins*	.05	.04

[†] P/N 152734 requires 4 pins (P/N 181673)

Arbor Press, IDC Kit and Cable Cutter PANAVISE

2082601: 502 Arbor Press

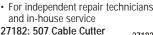
Precision ¼ ton (227kg) pressure

· 4 adjustable nylon gibs provide 2082601 exceptional arm control

 Base footprint: 3.7" x 7" with 4 counter sunk holes • 8" arm

2082610: 506 IDC Kit

· For low volume mass termination (up to 64-pin 2082610 conductor wire) of various IDC connectors on ribbon cables



· Perfect right angle cut

 Accommodaes up to 68-pin, 14 AWG, 3.22"W flat ribbon cable • Spring loaded blade arm

Part No.	Mfr. P/N	Description 1	5
2082601	502 🕿	Arbor press \$174.99	\$156.99
2082610	506 🕿	IDC kit 58.99	51.99
27182	507 🗷	Cable cutter 64.99	59.95

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.







AMP .100" (2.54mm) AMPLATCH™ Ribbon Connectors

Low-Profile Shrouded Headers w/ 0.150" End Dimension, Dual Row

- · 0.120" solder tail
- · 0.025" square posts
- · Housing: black thermoplastic, UL94V-0 rated
- Contact: phosphor bronze

Contact Plating:

A: 30µ" gold in contact area, 100µ" ~ 200µ" tin/lead on solder tail, all over 50µ" nickel;

* Web Code: UCB

B: 30µ" gold on mating area, 100µ" min. tin on solder end, all over 50µ" nickel;

C: 15µ" gold in contact area, 100µ" ~ 200µ" tin/lead on solder tail, all over 50µ" nickel;

D: copper alloy, duplex plated, 30µ" gold on contact area, 100µ" tin lead on solder area;

E: 30μ" gold, 100μ" tin-lead on solder tail

Straight (no latch)

Part No.	Mfr. P/N	Pos.	Plating	1	10	100
496051	103309-1	10	Α	. \$.67	\$.65	\$.56
753571	5103309-2	14	В	. 1.35	1.23	.98
496093	103309-5	20	Α	. 1.49	1.33	1.22
496085	103308-5	20	С	. 1.06	.96	.87
496296	103308-6	26	С	. 1.49	1.28	.96
737723	103309-7	34	Α	. 1.95	1.65	1.36

Right Angle (no latch)

Part No.	Mfr. P/N	Pos. I	Plating	1	10	100
737740	103310-2	14	C \$.84	\$.79	\$.76
737774	103310-6	26	C 1	.95	1.76	1.41

Straight (with long latch)

Part No.	Mfr. P/N	Pos.	Plating	1	10	100
738831	104128-4♠	20	D	\$4.15	\$3.57	\$3.25
738988	104313-4♠	20	D	2.69	2.62	2.55

Universal Ejection Style Pin Header Assembly (Military, Center & Dual Polarized)

- 0.110" post length
 Brass
- · Housing: glass filled nylon or polyester

3 3			Order in multiples of 60			
Part No.	Mfr. P/N	Pos.	Plating	60	120	
736974	102154-6♠	26	Ε	\$2.05	\$1.95	

*Latch DIP Plugs Online — Enter Web Code EAQ



.100" (2.54mm) Low Profile Male Shrouded Headers

* Web Code: JAH

Straight Double Row

- · Rating: 1A (max.) @ 250VDC
- Contact resistance: 15mΩ max.
- · Contact: phosphor bronze, gold plated

 Features: UL recognized CSA certified; 0.025" square post mates with

sockets on 0.100" x 0.100" grid Use with IDC socket

conne	ctors, right	* Order in multiples of 1					
Part No.	Product No.	Pos.	1	10	100		
67812	7110-10SG 2	10	\$.47	\$.41	\$.38		
68179	7110-16SG ⊕	16	*	.18	.16		
68291	7110-20SG ⊕	20		.47	.39		
68371	7110-26SG ⊕	26	54	.42	.35		
68583	7110-34SG 🕿	34		.73	.51		
10110E	7110 4000 🖘	40	1 40	1 17	00		

*.200" Drive Power Connectors & Crimp Terminals Available Online — Enter Web Code ABU

.100" (2.54mm) Straight

Male Headers ★ Web Code: VAQ Double Row w/ Standard Latch

- 0.1" contact center 0_______0 Mount vertical Keying slot





Part No.	Mfr.	Pins	1	10	100
117664	Jameco VP	10-pin ₹ .	\$1.55	\$1.38	\$1.18
687720	Cir. Assembly	14-pin	1.31	1.17	1.03
1928169	On Shore	16-pin		.39	.29
71830	Jameco VP	20-pin ₹	11.95	10.49	9.49
2076375	CW Ind.	20-pin ≉ 1	1.25	.99	.75
71933	Jameco VP	26-pin⊕	1.59	1.43	1.27
1928177	On Shore	34-pin		.69	.55
1928185	On Shore	34-pin†		.69	.55
72216	Jameco VP	50-pin ≈ .	1.89	1.70	1.51

† right angle

.100" (2.54mm) Non-Polarized

Connector Housings & Crimp Pins * Web Code: YAL







 Mates with 0.025" square post on pattern of 0.100" centers (male headers, pg 65)

- Current rating: 1A · Housing material: plastic Pin material: brass/tin plated • 26-22 AWG
- Temperature rating: -55°C to +105°C
- Use crimper P/N 159266 , pg 146

Single Row

Part No.	Cross Ref.	Contacts	1	10	100
100812	SCH2 ₹	2	\$.26	\$.23	\$.21
157383	SCH3 ₹	3	27	.24	.22
100803	SCH4 ₹	4	31	.28	.26
163686	SCH5	5	36	.32	.30
103212	SCH6 ₹	6	39	.35	.33
103203	SCH8 ₹	8	45	.40	.38
103191	SCH10 ₹	10	49	.45	.42
103182	SCH20 ₹	20	55	.49	.45
103158	SCH36 ₹	36	59	.55	.49

ROW	× V	Veb Code.	: SAM	
Cross Ref.	Contacts	1	10	100
DCH8 🕿	8	. \$.59	\$.53	\$.45
DCH10 ₹	10	73	.65	.58
DCH14	14	26	.23	.21
DCH16 ₹	16	87	.78	.70
DCH20⊕	20	99	.89	.79
DCH40	40	60	.55	.48
DCH50 🕿	50	65	.59	.47
	Cross Ref. DCH8 ₹ DCH10 ₹ DCH14 DCH16 ₹ DCH20 ⊕ DCH40	Cross Ref. Contacts DCH8 ₹ 8 DCH10 ₹ 10 DCH14 14 DCH16 ₹ 16 DCH20 ⊕ 20 DCH40 40	Cross Ref. Contacts 1 DCH8 ₹ 8 \$.59 DCH10 ₹ 10 .73 DCH14 14 .26 DCH16 ₹ 16 .87 DCH20 ⊕ 20 .99 DCH40 40 .60	Cross Ref. Contacts 1 10 DCH8 ₹ 8 \$.59 \$.53 DCH10 ₹ 10 .73 .65 DCH14 14 .26 .23 DCH16 ₹ 16 .87 .78 DCH20 ⊕ 20 .99 .89 DCH40 40 .60 .55

Crimp Pins for Single/Double Row Housings

Order in n	nultiples of 10		*	Web Code.	XAL
Part No.	Cross Ref.	Contacts	10	100	1000
100766	FCH1 🗷	Female pin \$.	15	\$.13	\$.1
145358	MCH1 ₹	Male pin	16	.14	.12

IDC Connector Crimping Tool

- · Use for IDC socket connectors · Crimping distance: 27.5mm
- to 6mm (with attachment) Size: 9.2"L x 3.0"W • Weight: 1.1 lbs.

Part No. Product No. HT214 **2**\$15.95 **\$14.39 \$12.95**

Socket Connectors

.100" (2.54mm) IDC Wiremount

.100" x .100" for .050" Pitch Cables

- · Insulation: glass filled polyester (PBT), gray, UL94V-0
- 100µ" nickel underplating & U-slot; 30µ" gold wiping area
- Copper alloy contacts
- · Current rating: 1A
- Withstanding voltage: 1000V_{RMS}
- Insulation resistance: 1MΩ @ 500VDC · Accepts 26-28AWG solid or stranded wires

Open end, center bump, military

	ies With Strain		*1	*Web Code:		
Part No.	Mfr. Part No.	Pos.	1	10	5	
1576407	3421-6620 ≉	20	\$3.99	\$3.36	\$3.1	

8000 Series With Strain Relief

- · Contact: phosphor bronze, 30µ" nickel underplating
- Without center hump

	art No. Mfr. Part No.		1	10	100
1578074	89110-0001 2	10	\$.86	\$.72	\$.69



.100" & 2mm IDC JAMECO Socket Connectors EXCLUSIVE

Double Row

· Current rating: 1A

· Mates with 2 rows of .025" sq. or dia. posts on

patterns of .100" centers (male headers, pg 65) • Contact material: phosphor bronze w/ 1µ" gold flash on mating area, tin plated on termination area

- · Industry standard IDC socket (plastic)
- Temp. rating: -55°C to +105°C

· Use crimper P/N 73252, below left

*Web Code: QAE

Polarized

Part No.	Product No.	Contacts	1	10	100
32492	8000-102	10	\$.31	\$.27	\$.20
153948	8000-142	14	32	.27	.21
119467	8000-16₹	16	37	.31	.23
32522	8000-202	20	45	.33	.28
32564	8000-26₹	26	49	.38	.32
32644	8000-342	34	53	.42	.38
32679	8000-402	40	73	.68	.61
100386	110-44⊕	44 (2mm)	99	.89	.71
32708	8000-50₹	50	74	.65	.45
32759	8000-60	60	1.15	1.05	.97

Non-Polarized

Part No.	Product No.	Contacts		10	100
138376	8000-10NE⊕	10	\$.35	\$.32	\$.28
138325	8000-20NE	20	87	.67	.52
138333	8000-26NE	26	33	.30	.27
138341	8000-34NE	34	45	.40	.35
138350	8000-40NE ⊕	40	49	.45	.39
138368	8000-50NE	50	91	.81	.62



.100" IDC Plug Connector

Double Row

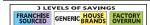
Shrouded header without Plastic mounting ears

Contact: gold-plated phosphor bronze Use with IDC socket for connectors above

Contacts Part No. Product No. 1 29217 8400-50 ⊕ 50 \$1.95 \$1.66 \$1.25

* Universal Connectors Online — Enter Web Code GAU

Product requires 1-2 additional days to ship. Request 'ship partial' if you want other items to ship sooner (note separate shipping charges will apply). Minimum order quantity & prices are subject to change * For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE SOURCED GENERIC BRANDS OVERRUN

.100" IDC DIP Flat Cable Plugs

· Mates with standard 14, 16, 20, 24, 26, 28 & 40-pin DIP sockets with 0.1" spacing

Uses 28 AWG flat ribbon cable, pg 51

Plastic with gold-plated contacts

Current rating: 1A				^	Web Code:	KEF
Part No.	Prod. No.	Width	Contacts	1	10	100
42657	8200-14⊕	0.3"	14 \$.55	\$.45	\$.35
42674	8200-16	0.3"	16	.65	.54	.42
104097	8200-202	0.3"	20	.89	.72	.62
99670	8200-28⊕	0.6"	28	.99	.85	.75
42712	8200-40 2	0.6"	40 1	.49	1.19	.89

*Four Wall Headers Online — Enter Web Code LDV

*Metric Connectors Online — Enter Web Code XAY

*Stud Kits Online — Enter Web Code WDL

PC Card-Edge Connectors

• Fits all PC boards ** Web Code: XEE · 0.054" to 0.070" thick

Solder Eyelet 0.140" Spacing Between Rows

· Contact centers: 0.156" · With mounting ears Position 1 10 100 Part No. Mfr. 39116 Jameco VP ⊕ 6/12 ... \$2.95 \$2.65 \$2.38 39117 Jameco VP 🗷 6/12 **2.95** 2.65

Solder Tail 0.200" Spacing Between Rows

- Contact centers: 0.100"
- · Without mounting ears • Tin

Part No.	Mfr.	Position 1	10
40694	Jameco VP⊕	31/62 (PC/AT) \$.99	\$.89
1945049	Various	50/100 79	.69

*Card Edge Connectors Online — Enter Web Code YEE

*Card Extenders Online — Enter Web Code PAA

*Crimp Terminals Online — Enter Web Code NBB

*PBC Connectors Online — Enter Web Code EEN

BARIES DIP Headers

Series 600 Headers w/ Coined Contacts · Standard cover/body material

is red UL 94-HB glass filled nylon High temperature cover/body

material is black UL 94V-0 4/6 nylon

· Contact plating: 100µ" min., tin Contact rating: 2A

Operating temp.: 221°F (105°C) max.

Fork contacts: accept up to .025" (.64mm) dia. leads

Mfr. Part No. Pos. Width* 10 100 291120 08-600-102 8 0.3" \$1.05 \$.95 \$.75 291312 0.3" 1.49 1.29 1.05 291574 16-600-10**2** 16 0.3" 1.65 1.45 1.15

* Center to center pin width

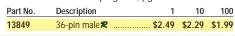
IDC Centronics Connector

· Contact material: gold plated phosphor bronze; plastic casing '

Current rating: 1 amp

• Temp. rating: -55°C to +105°C

Use 73252 IDC crimping tool, pg 69



CA

.100" DIP Header Plugs

· Gold-plated leads *Web Code: UBP Header plugs: keyed corner to indicate pin 1

 U-shaped pin termination for easy component attachment • Lead length: 0.188" • 0.1" spacing between leads

	•			_		
Part No.	Mfr. P/N	Width	Pins	1	10	100
104337	08P-2 ₹	0.3"	8	. \$1.31	\$1.24	\$1.14
37130	14P-2 ₹	0.3"	14	1.55	1.34	.99
37331	16P-2 ₹	0.3"	16	2.15	1.93	1.39

CINCH Jones Plugs and Sockets

Series 300 Multiple-Density Solder-Eyelet Connectors

· Insulation material: molded monoblock, black phenolic

- Contact material: plug brass; socket - phosphor bronze Contact plating: cadmium
- · Current rating: 10 amps
- Operating voltage: 250VAC max.
- Contact resistance:16mΩ max.
- · Hood material: UL 94V-0 rated thermoplastic

Sockets w	ith Hood and	180° Clamp	★ Web Cod	le: WBF
Part No.	Mfr. Part No.	Contacts	1	2!
248807	S-302-CCT ₹	2	\$3.35	\$2.70
248823	S-304-CCT ₹	4	5.09	4.2
248831	S-306-CCT	6	5.79	4.79

Plugs with Hood and 180° Clamp

Part No.	MIII. Part No.	Contacts		25
248760	P-302-CCT	2	\$2.59	\$2.29
248786	P-304-CCT ₹	4	4.95	4.11
248794	P-306-CCT	6	5.45	4.51

Series 2400 Multiple-Density Solder-Eyelet Connector

- Current rating: 15A
- Current resistance: $1m\Omega$ max.
- Operating voltage: 250VAC
- Plug prongs are 0.250"W x 0.55"Th.
- For use in cable-to-cable & cable-to-panel applications Socket contacts have solder eyelets with 0.093" dia.
- · Insulation material: molded monoblock, general purpose phenolic, black • Contact plating: cadmium
- Contact material: plug-brass; socket-phosphor bronze
- · Hood material: formed metal with dielectric liner

Plug with Hood and 180° Clamp

Part No.	Mir. Part No.	Contacts	1	25
428197	P-2408-CCT	8\$	11.79	\$10.69

D-Sub 9-Pin to 25-Pin Serial Adapters *Web Code: AAA

139985

· For use in AT or other computer systems that have 9-pin D-sub serial ports

664296: Thumbscrews on both sides 10321: For PC/XT systems with DB25 serial ports.

139985: gold-plated contacts, extra long thumbscrews

Part No.	Description	1	10	100
10305	DB9 F to DB25 M	\$3.15	\$2.68	\$1.99
664296	DB9 M to DB25 M	2.49	2.12	1.59
10321	DB9 M to DB25 F	4.49	3.95	3.65
189632	DB9 M to DB25 M	3.49	3.15	2.85
139985	DB9 F to DB25 F	2.35	2.15	1.89



37331

Mini DIN & DIN Panel Mount Female Sockets





• With so	lder lugs	 Metal body 	*Web Code: FAB		FAB
Part No.	Cross Ref.	Decription	1	10	100
2076754	MDPM5	5-pin mini DIN	\$1.19	\$1.05	\$.89
2076762	MDPM6 ₹	6-pin mini DIN	1.29	1.15	.99
2076771	MDPM8 ₹	8-pin mini DIN	1.39	1.25	1.09
15844	DINJ5 ≈	5-pin DIN	99	.75	.65
15852	DINJ6 ₹	6-pin DIN	1.05	.85	.75
15861	DINJ8 ₹	8-pin DIN	1.19	.99	.79

Mini-DIN & DIN PC Mount **Right Angle Female Sockets**









Set back: 0.5"

119475: Plastic/metal body 29399/29400: Plastic body

Unshielded (DIN) Part No. Cross Ref. No. Description

Part No.	Cross Ref. No.	Description	1	10	100
29399	RD5⊕	5-pin DIN	\$.69	\$.59	\$.45
29400	RD5 🕿	5-pin DIN	99	.89	.75
Shielded (Mini DIN & DIN)					
140791	MDR4S	4-pin mini DIN	\$.62	\$.56	\$.45

2076720	MDR5S	5-pin mini DIN .89	.75	.55
119475	MDR6S 🕿	6-pin mini DIN90	.86	.81
207722	MDR8S	8-pin mini DIN99	.89	.69
2076746	MDR9S	9-pin mini DIN 1.19	1.09	.85
2077811	DRA5S	5-pin DIN 1.25	1.15	.89
29410	RD8	8-pin DIN	.79	.65

Mini-DIN & DIN Plugs & Receptacles





· Solder barrels w/ strain relief See pg 52 for cable

15887

Part No.	Pins	Туре	1	10	100
142262	6	Mini DIN plug ≉	\$.99	\$.89	\$.69
177244	6	Mini DIN receptacle	1.09	.99	.79
111878	8	Mini DIN plug ≉	1.09	.99	.75
177236	8	Mini DIN receptacle	1.19	1.09	.8!
15879	5	DIN plug ≉	54	.46	.34
180873	5	DIN receptacle	75	.59	.5
15887	6	DIN plug ≉	65	.49	.45
15895	8	DIN plug ≉	69	.55	.49

*Keyboard Adapters Online — Enter Web Code RAV

SCSI Adapter

· DB25 female to HDB50 male

e SCSI II	★ Web Code:	PAD	ĺ
escription			•
DOE E to LII	DDDEO M	¢1	4

Part No. 10 167370 \$1.49 \$1.29 DB25 F to HPDB50 M

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.





PCB Centronics Connector

· Solder-type contacts

 Space between rows: 0.164" Space between pins: 0.1"

 Metal body PC mount

Part No.

72151

* Web Code: VAJ Description

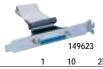


10 36-contact F, rt angle \$2.95 \$2.49 \$1.85

Panel Bracket Cable Assemblies

 Standard back panel bracket · Ribbon cable with header connector

 Length: 12" 355688: 1 serial port 149623: 1 parallel port



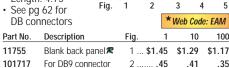
Web Code: RAX

149614:	2 serial ports	149	9623
Part No.	Description 1	10	2
355688	DB9M to 10-pin header F \$3.95	\$3.55	\$3.1
1952265	DB9F to 10-pin header F 3.95	3.55	3.1
149614	DB9M to 10-pin header & 3.95	3.55	3.1
	DB25M to 10-pin header		
149623	DB25F to 26-pin header F ? 4.25	3.85	3.4

Computer Card Brackets

· For securing cards into bus slots

· Fits PC/XT/AT cases Length: 4.75"



11755	Blank back panel₹	1 \$1.45	\$1.29	\$1.17
101717	For DB9 connector	245	.41	.35
101733	For DB25 connector	345	.41	.35
101742	For DC37 connector 🗷	4 1.79	1.52	1.14
101831	For DB9/DB25 conn. ₹	569	.59	.55

[AMECO

Full Handshaking Null Modem Adapter

Self-contained null-modem (cross-over) adapters. Change any standard straight cable into a null cable quickly and easily.

· Internal pin configuration: 1-1, 2-3, 3-2, 4-5, 5-4, 6-20, 20-6, 7-7, 8-20



USB-A & B Connectors

1.0 & 2.0 Female Connectors







230958 (USB-B) 2076551 (USB-A)

· PC mount right angle with board locks

	r o mount right ungro min bourd room							
2076551 : Dual				* We	b Code	: DAZ		
Part No.	Mfr.	Description	1	10	100	1000		
161024	Jameco VP	USB-A 1.0 ₹	\$.89	\$.79	\$.69	\$.65		
2076551	KobiConn	USB-A 2.0	99	.79	.49	.35		
230958	Jameco VP	USB-B 2.0 ₹	.99	.89	.79	.59		

PS/2 – USB Adapter

This adapter allows you to use your PS/2 compatible mouse and keyboard as USB compatible devices.



· USB - A Male to two PS/2 female connectors · Color coded PS/2 connectors for keyboard & mouse

Length Housing 10 USB adapter ... \$13.95 \$12.55 \$11.25

Slim-Line D-Sub Gender Changers







★ Web Code: YAB

For Confined Applications!

These revolutionary slim-line gender changers are only 0.69" wide, eliminating the space problems caused by standard gender changers. When plugged into your existing cable, they add only 0.44" to the cable. All-metal cases.

· Captive locking screw (male) · Tin plated shells

 Captive locking nut (female) Grounding tangs (male)

Part No.	Description	1	10	100
18498	9-pin male to male₹	\$4.95	\$4.49	\$3.99
18489	9-pin female to female	. 5.85	5.29	4.75
1945321	9-pin male to female (pass thru)	1.95	1.75	1.49
56071	15-pin male to male	3.95	3.49	3.19
56063	15-pin female to female	4.15	3.75	3.35
119320	15-pin female to female HD ? .	4.75	4.29	3.85
119301	15-pin male to male HD	4.95	4.49	3.99
326537	15-pin male to female (pass thru)	1.75	1.39	.99
1945330	15-pin male to female HD	3.49	2.49	1.95
18447	25-pin male to male ₹	5.95	5.35	4.85
18420	25-pin female to female ⊕	. 3.59	3.25	2.89
170085	25-pin male to female (pass thru)	2.95	2.65	2.35

* Standard Gender Changers Online — Enter Web Code LAB

SIMM Vertical Sockets

₩ Web Code: WAL

Locking tabs

· Tinned contacts

· Keyed mounting posts

· Memory module sockets

	,				
Part No.	Description	1	10	50	100
100302	Single x 30-pin, vert. ₹\$	1.95	\$1.75	\$1.59	\$1.39
1954754	Single x 72-pin, vert	2.25	1.95	1.49	1.25
1954746	Dual x 30-pin, vertical	2.49	1.95	1.49	1.25
1954762	Dual x 72-pin, vertical	2.95	2.49	1.95	1.49

*DIMM Sockets Online — Enter Web Code BEN

Low Profile ZIF Sockets

Series 526

Dart No.

 Body: UL 94V-0 glass-filled polyester thermoplastic

Beryllium copper alloy spring tempered contacts w/ 200µ" (5.08µm) tin plating

Contact res.: 10mΩ max.

Mfr D/M

 Contact current: 2A • Zinc alloy cam · Breakdown voltage: 1000VAC min.

• Center pins: .600" (15.24mm)

 Operating temp.: -67°F to 221°F (-55°C to 105°C) Suggested PCB hole size: .035" (0.89mm) Dia.

raitivo.	IVIII . F/IV	LIII3	LAVV		10	100
296789	24-526-10	24	1.45 x .75	\$5.65	\$4.80	\$3.65
102745	28-526-10	28	1.64 x .75	7.95	7.15	6.45
102753	40-526-10 ≈	40	2.24 x .75	9.75	8.79	7.89

ARIES

High Temp. Universal **ZIF Test Sockets**

* Web Code: AAN

295162

Series 6554

- Accepts devices on .300" to .600 (7.62mm to 15.24mm) centers
- -10: 100μ" tin over 50μ" nickel; -11: 10µ" gold over 50µ" nickel
- Operating temperature:
- -10: 221°F (105°C) tin plating -11: 302°F (150°C) – gold plating
- Socket body: UL 94V-0 glass-filled PPS
- Beryllium copper contact plating
- Stainless steel handle Center pins: 0.600" • Insulation res.: $1000M\Omega$ Contact current: 1A
- · Dielectric withstanding voltage: 1000VAC

Part	No.	Mfr. P/N	Pins	L" x W"	1	10	100
1039	992	24-6554-102	24	1.8 x 0.9	\$7.85	\$6.99	\$6.29
1040	003	28-6554-10	28	2.0 x 0.9	8.95	8.09	7.25
1040)12	32-6554-10	32	2.1 x 0.9	9.95	8.95	7.95
1040	030	40-6554-102	40	2.5 x 0.9	11.95	10.75	9.69
295	162	28-6554-11	28	1.4 x 0.9	12.15	10.95	9.85
2952	209	32-6554-11	32	1.6 x 0.9	13.59	12.25	10.95
2952	233	40-6554-11	40	2.0 x 0.9	16.25	14.59	13.15

SOIC/SOJ to DIP Adapters

· SOIC package

· Board material: 0.062" thick FR-4 w/ 1 oz. copper traces on both sides

· Brass alloy pins with

★ Web Code: YBS

* Web Code: EAR

200μ" (5.08μm) min. tin plating Operating temperature: 221°F (105°C) max.

• Suggested PCB hole size: 0.028" (0.71mm) Dia.

Center pins: 0.300" (7.62mm)

Mfr. P/N Part No. Pins L"xW" 291208 08-350000-10**≈** 8 .400 x .46 **\$6.85 \$6.15 \$5.55** 291515 16-350000-10**≈** 16 .800 x .45 **6.75 6.09 5.49**

*PGA Sockets Online — Enter Web Code WAH

PLCC SMT Sockets

· Housing: high temperature thermoplastic, UL94V-0

Voltage current rating: 250V, 1A

 Contact resistance: 200MΩ max. Contacts: phosphor bronze/tin lead

• Insulation resistance: $5000M\Omega$ min.



JAMECO ValuePro PLCC Thru-Hole Sockets

· Solder tail allows through-hole board ★ Web Code: YAH

patterns in .100" grid Body height: .375"

· Accepts JEDEC type "A" plastic leaded chip (0.05" centers)

Thru-hole lead length: .125" Par



Part No.	Cross Ref. No.	Pins	1	10	50	100
71263	G1P428	28	\$.75	\$.65	\$.55	\$.49
71811	G1P32	32	79	.69	.59	.55
71618	G1P444⊕	44	1.19	1.15	.99	.85
72442	G1P452⊕	52	1.09	1.05	.95	.85
71969	G1P468 ₹	68	78	.74	.71	.67
71977	G1P484 ₹	84	1.45	1.31	1.16	1.09

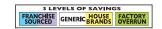
^k For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



102745

* Web Code: UBX

IC Sockets, Single In-Line Strip Sockets & I.D. Markers



JAMECO

Dual Wipe Solder Tail Low-Profile IC Sockets

112222

- · Contact current: 1A · Contact resisistance:
- less than $5m\Omega$ Dielectric withstanding
- voltage: 300V
- Insulation resistance:

greater than $1000M\Omega$ * Web Code: WAP Thru-hole lead length: 140" (A)

	The first read to 19th The City							
Part No.	Mfr. P/N	Mfr.	Pins	Width 10	100	1000		
112193	6LPD ₹	Jameco VP	6	0.3" \$.12	\$.09	\$.07		
51571	8LPD	Various	8	0.3"10	.08	.06		
112206	8LPD ≈	Jameco VP	8	0.3"11	.09	.07		
37162	14LP ≈ *	Various	14	0.3"10	.08	.06		
689936	ED14DT	Various	14	0.3" .12	.09	.07		
112214	14LPD ≈	Jameco VP	14	0.3" .13	.10	.07		
37373	16LPD	Various	16	0.3" .12	.10	.08		
112222	16LPD ≈	Jameco VP	16	0.3"14	.11	.09		
38113	18LP*	Various	18	0.3"10	.08	.06		
689952	ED18DT	Various	18	0.3"14	.11	.08		
112231	18LPD ₹	Jameco VP	18	0.3"16	.13	.10		
112248	20LPD	Various	20	0.3"14	.11	.08		
38608	20LPD ≈	Jameco VP	20	0.3"16	.13	.10		
112256	22SLPD	Various	22	0.3"15	.12	.09		
39132	22LPD	Jameco VP	22	0.4" .17	.14	.11		
39378	24SLPD	Various	24	0.3" .19	.16	.13		
112282	24SLPD	Jameco VP	24	0.3" .23	.20	.15		
112264	24LPD	Various	24	0.6" .20	.17	.13		
112266	24LPD ≈	Jameco VP	24	0.6"22	.19	.14		
689961	ED28DT	Various	28	0.3" .23	.19	.15		
112299	28SLPD€	Various	28	0.3" .25	.23	.19		
112272	28LPD	Various	28	0.6" .19	.15	.12		
40301	28LPD	Jameco VP	28	0.6"23	.19	.15		
137621	32SLPD	Various	32	0.3" .25	.19	.15		

Single wipe LP



112301

41111

112311

.100" Single-In-Line **Strip Sockets** AMECO

0.6" 22 .17 .12

0.6

42 0.6"

19 .15

19 .15

.25 .19

25

EXCLUSIVE

- Machine tooled
- Single or double row

42LPD

32LPD₹ Jameco VP 32

40LPD 3 Jameco VP 40 0.6

Various

Solder Tail or Wire Wrap	Web Code. KAIVI
Standard lead length: .160"	***************************************
78642	104054

	78642 10	04054					
Part No.	Description 1	10	100				
164822	4-pin straight single row ⊕ \$.89	\$.75	\$.59				
138684	5-pin straight single row99	.85	.65				
102201	10-pin straight single row ₹ 1.19	.99	.75				
78642	30-pin straight single row ₹ 1.49	1.29	.99				
175920	36-pin straight single row ₹ 1.75	1.59	1.29				
212936	48-pin straight double row 2.95	2.65	2.39				
101283	20-pin WW2 single row ₹† 1.95	1.75	1.59				
104054	30-pin WW3 single row ₹ * 2.95	2.59	2.39				
† Lead leng	tead length: .435"(2) * Lead length: .575" (3)						

More Savings Online

Save up to 50% on over a hundred clearance items by visiting www.Jameco.com/Save.

AMP DIP Low-Profile IC Sockets









Dual Leaf Straight Solder Tail

 Phosphor bronze w/ 15µ" gold plate · Housing: glass filled thermoplastic, 94V-0 rated, black

Mfr. P/N Pos. Width Part No. 10 837679 2-640463-4 0.3 **\$.59** \$.49 \$.39

Economy Ladder Style

- · Housing: glass filled thermoplastic, black
- Contacts: phosphor bronze tin plating
 Dual wipe Order in multiples of 10

Part No.	Mfr. P/N	Pos.	Width	10	100	500
683091	1-390261-1	6	0.3	\$.13	\$.10	\$.07
526299	390261-2	8	0.3	13	.10	.07
683104	1-390261-2	8	0.3	13	.10	.07
526192	390261-3	14	0.3	14	.11	.08
683112	1-390261-3	14	0.3	14	.11	.08
526205	390261-4	16	0.3	15	.12	.09
683121	1-390261-4	16	0.3	15	.12	.09
526213	390261-5	18	0.3	17	.14	.11
683139	1-390261-5	18	0.3	17	.14	.11
526221	390261-6	20	0.3	17	.14	.11
683147	1-390261-6	20	0.3	17	.14	.11
683163	1-390261-8	24	0.3	25	.22	.17
683198	1-390262-1	24	0.6	23	.20	.16
526248	390261-9	28	0.3	29	.25	.22
683171	1-390261-9	28	0.3	29	.25	.22
526256	390262-2	28	0.6	25	.22	.17
683201	1-390262-2	28	0.6	27	.23	.19
526272	390262-5	40	0.6	29	.25	.22
683227	1-390262-5	40	0.6	29	.25	.22

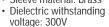
Machine Tooled Solder Tail Low-Profile IC Sockets

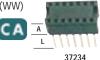
- Tin-plated leads
- Contact current: 3A
- Contact resistance: less than 5mΩ
- Dielectric withstanding voltage: 300V_{RMS}
- Insulation resistance: greater than $1000M\Omega$
- Material: beryllium copper or phosphor bronze
- Thru-hole lead length: .177" (A)
- Body height: .117" (B)

Doug.		. (5)					
Part No.	Mfr. P/N	Mfr.	Pins	Width	1	10	100
167004	6MLPT ≈	Jameco VP	6	0.3"	\$.39	\$.35	\$.19
662573	8MLP	Various	8	0.3" .	45	.39	.25
51626	8MLP ₹	Jameco VP	8	0.3" .	49	.45	.29
37197	14MLP ₹	Jameco VP	14	0.3" .	65	.55	.39
37402	16MLP ≈	Jameco VP	16	0.3" .	75	.59	.45
65585	18MLP ₹	Jameco VP	18	0.3" .	89	.75	.55
38623	20MLP⊕	Jameco VP	20	0.3" .	85	.69	.49
192209	22SMLP	Various	22	0.4"	1.25	1.09	.89
39386	24SMLP⊕	Various	24	0.3" .	99	.79	.59
39351	24MLP⊕	Jameco VP	24	0.6"	1.09	.89	.65
652359	24MLP-GOLD	Various	24	0.6"	1.09	.89	.65
114412	28SMLP	Jameco VP	28	0.3"	1.09	.89	.65
184680	284SMLP	Various	28	0.4" .	99	.79	.59
40328	28MLP⊕	Various	28	0.6"	1.19	.95	.69
223002	324SMLP	Various	32	0.4"	1.25	.99	.79
105380	32MLP⊕	Various	32	0.6"	1.35	1.09	.89
662629	40MLP	Various*	40	0.6"	1.35	1.09	.89
41136	40MLP⊕	Jameco VP	40	0.6"	1.69	1.39	.99
42059	48MLP⊕	Various	48	0.6"	1.95	1.59	1.29

2 & 3 Level Wire Wrap IC Sockets

- · Contact plating/leads: gold (WW) or tin (TWW); dual wipe
- Contact current: 1A
- Contact resistance: $<5m\Omega$
- Sleeve material: brass





*Web Code: SAF

- Material: beryllium copper or phosphor bronze
- Insulation resistance: greater than $1000M\Omega$ Insulator: glass-filled polyester or glass-filled polyphenylene sulfide
- Thru-hole lead length: .438" (L2); .638" (L3)
 Body height: .300" (A)
 Width 0.3"; † width 0.6"

Part No.	Mfr. P/N	Mfr.	Pins 1	10	100
37218	14TWW2 ₹	CA	14 \$2.25	\$1.95	\$1.75
37234	14WW2 ₹	CA	14 3.25	2.95	2.75
196841	14TWW3	Various	14 1.95	1.75	1.25
37437	16TWW2 ≉	CA	16 2.49	2.25	1.95
37480	16WW2 ₹	CA	16 3.49	3.25	2.95
75380	20TWW2 ≉	CA	20 3.49	3.25	2.95
75416	24TWW2	CA	24 3.49	3.25	2.95
39395	24WW2 	CA	24 2.95	2.65	2.39
40353	28WW2 2 †	CA	28 5.95	5.39	4.75
41180	40TWW2 ≈ †	CA	40 6.95	5.95	4.95

Level 3 Machine Tooled Wire Wrap IC Sockets

- · Contact plating: gold
- · Tin-plated leads
- Contact resistance: <5mΩ · Material: beryllium copper
- or phosphor bronze · Insulator: glass-filled polyester or
- glass-filled polyphenylene sulfide Dielectric withstanding voltage: 300V_{RMS}
- Insulation resistance: greater than $1000M\Omega$
- Sleeve material: brass
- Body height: .115" (A)
- Thru-hole lead length: .586" (L)

Mfr P/N

* Web Code: FAL

10

raitivo.	IVIII . F/IN	LIII3	widii (iii.)	1 10	100
94474	8MSWW3 2	8	0.3 \$1.49	\$1.35	\$1.19
62051	14MSWW3 ₹	14	0.3 1.7 5	1.55	1.39
37410	16MSWW3	16	0.3 1.9 5	1.75	1.55
37411	16MSWW3 ₹	16	0.3 2.2 5	1.95	1.75
94482	18MSWW3 ₹	18	0.3 2.2 5	1.95	1.75
38632	20MSWW3 ₹	20	0.3 2.4 9	2.25	1.95
105372	24SMSWW3	24	0.3 2.7 5	2.49	2.25
313656	24MSWW3	24	0.6 2.7 5	2.49	2.25
94491	24MSWW3 ₹	24	0.6 2.9 5	2.75	2.49
200716	283MSWW3 	28	0.3 3.2 5	2.95	2.75
40336	28MSWW3⊕	28	0.6 3.2 5	2.95	2.75
117058	32MSWW3 ₹	32	0.6 3.49	3.19	2.79
94503	40MSWW3 ₹	40	0.6 3.9 5	3.55	3.19

Pins Width (in)



Wire Wrap IC Socket I.D. Markers

· Material: plastic

 Can easily write location, part number or function

Quick identification of pin numbers

• Slibs c	JIILO 20CKE	t bero	ie wrappini	4		
Part No.	Mfr. P/N	Pins	Width (in.)	1	10	100
51561	8ID	8	0.3	. \$.59	\$.45	\$.27
37145	14ID	14	0.3	59	.45	.25
38586	20ID	20	0.3	99	.75	.49
40299	28ID	28	0.6	. 1.09	.89	.55

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.

64MLP

Lead length .25'

Various

64 0.9" **2.95 2.49 1.95**



*Web Code: DAX

100

\$1.89

2.49

3.29

2.89

6.15

10.25

6.85

3.55

5.49

6.85

6.19

6.85

6.85

6.85

6.85

5.09

10.25

4.08

1.67

1.15

2.15

1.09

1.19

1.39

34.95

1.35

50

\$2.95

3.19

3.89

4.75

7.49

100

50

\$2.09

2.89

3.25

6.65

11.25

7.29

3.65

5.99

7.49

6.59

7.25

7.45

7.45

7.45

7.45

5.49

4.45

1.91

1.16

2.46

1.29

1.39

1.39

1.70

1.55

* Web Code: HBT

10

4.39

4.99

★ Web Code: BBT

50

1.25

10

35.95

10.39

\$2.29

3.09

3.55

7.05

11.55

7.65

3.75

6.19

7.79

7.49

7.75

7.75

7.75

5.75

10.65

4.75

2.15

2.77

1.45

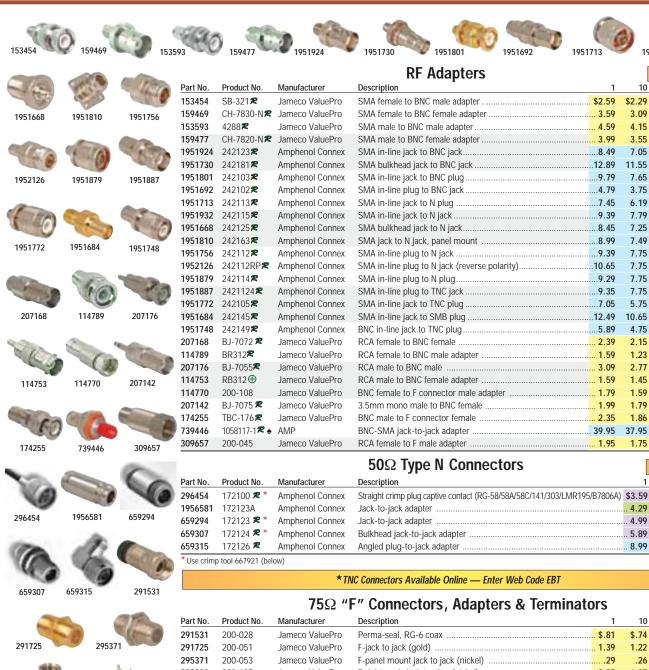
1.59

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1.86

37.95

High-Frequency Connectors & Adapters





Amphenol Connex Universal Hand Crimp Tools

Foxconn

Utilize industry standard crimp die-set dimensions. Full ratchet crimp action assures complete crimp before release.

Part No.	Product No.	Die Cavities (in.)	Cable Groups	1	5
667850	47-10070	.255/.213/.068	RG-55/58/59/62/141/142/223/303/400 (BNC/TNC)	. \$69.95	\$64.95
667905	47-10150	.178/.128/.068	RG-174/188/316/179/187/180/195/178/196 (BNC/TNC)	69.95	64.95
667921	47-10180	.255/.213/.100/.068/.052	5 cavity RG-58/59 N/BNC/TNC/SMA connectors	69.95	64.95

Audio/Video Adapter



1952943

200-190

- · Converts impedance of video/audio signals to 100Ω for transmission over CAT 5 UTP cable
- · Supports both NTSC & PAL video signals
- Built-in impedance matching device and filter for video and audio signal transmission
- · Video trans. distance: 1000' color/ 2000' B/W
- · Signal pair: video (BNC), CAT pair 1 (RJ45) Includes: Mounting hardware

Part No. Description 10 210471 BNC/RJ45 w/ cable \$24.99



^k For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



1952943

667850

295380



	60.				50 Ω/7	75 Ω BNC Connectors and Adapters	*	N-L 0- 1-	DDT
600	16		Plugs		00117	7012 Bito Commoctors and Adaptors	^	Neb Code	: DRI
4(0)	00	TO BE STORY		Dundret No.	Manufastunan	Description	1	10	25
295953/295970	363961	311394/311378	Part No. 295953	Product No. 112116 ₹ *	Manufacturer Amphenol Connex	Description 50Ω straight crimp plug, captive contact (RG-58/58A/58C/141/303)	\$1 40	10 \$1.19	\$1.15
296016	000701	01.07.001.070	311394	31-321	Jameco ValuePro	50Ω BNC 3-pc. cable crimp pluq, for RG-59 cables		2.99	2.89
	~ ~	4.5	295970	112119 2*	Amphenol Connex	75 Ω straight crimp plug, captive contact (RG-59/62/140/210)		1.65	1.45
mint of the same	L) [[_],[] n	296016	112133 2 †	Amphenol Connex	75Ω straight crimp plug, captive contact (RG-179/187/B9221)		1.79	1.39
255242/244227/	405/40/74/00/	(342)	363961	31-218	Jameco ValuePro	50Ω BNC straight adapter, plug-plug (UG-491A/U)	3.95	3.55	3.19
355362/311327/ 355099	71271/112110	207183	355362	6775	Jameco ValuePro	50Ω BNC plug, clamp/solder, for RG-8/9/87A/213/214/225		6.25	5.65
	~		311327	69475⊕	Jameco ValuePro	50Ω BNC plug, clamp for RG-174/179/187/188/316		4.99	3.85
STATE OF THE PARTY	- W	100	355099	31-2 ?	Jameco ValuePro	50Ω BNC plug, clamp for RG-58/141/142/400 (UG-88/U)		4.99	3.85 1.09
100	0	9	135618 71482	200-141 200-145	Jameco ValuePro Jameco ValuePro	BNC male with pin and ferrule (RG6)		1.19 1.49	1.45
108994/71	/81	71/188349/	207183	BJ-70941	Jameco ValuePro	BNC male to RG58/59 crimp on		2.75	2.49
100774771		188306	71271	200-143	Jameco ValuePro	BNC male with pin and ferrule (RG59/62)		.95	.92
	776	100	112110	G7409 🕿	Jameco ValuePro	BNC male with pin and ferrule (RG174)		3.25	2.99
100	100	4/1	311378	31-315	Jameco ValuePro	50Ω BNC 3-pc. cable crimp plug, for RG-174 cables		3.75	3.49
1000	400	0	108994	200-146	Jameco ValuePro	BNC male twist-on (RG58)		1.15	.95
658401	658427	296067	71781	200-142	Jameco ValuePro	BNC male twist-on (RG59/62)		1.15	.95
		Yesto	311571 188349	31-71032 ⊕ 31-315-RFX	Jameco ValuePro Amphenol Connex	75Ω BNC 3-pc. plug crimp, for Belden 2818 cables		2.59 1.99	2.39 1.75
1000	965	O BES	188306		Amphenol Connex	Plug crimp, 3-pc.		1.27	1.73
TEST OF	10.50		100000	01 020 N1774	7 Impriend Connex	1 lag 6 linp, 6 pc.	11.17	1.27	1.12
355178	223511	71590	Jacks						
333176	223511	71590	658401	112235 ₹ †	Amphenol Connex	75Ω bulkhead crimp jack (RG-179/187/B9221)	. \$3.25	\$2.76	\$2.44
-0.000	- Q		658427	112424 🗷	Amphenol Connex	50Ω receptacle jack, solder terminal	1.85	1.74	1.68
000		0	296067	112431 🗷	Amphenol Connex	50Ω bulkhead rec. jack, isolated, solder term.	3.29	3.19	2.99
11156	1 1	48224/148232	355178	31-221⊕	Jameco ValuePro	50Ω BNC blkhd rcptcle w/ grounding lug, solder cup (UG-1094/U)		2.09	1.95
-		u de la	223511	31-221 🗷	Amphenol Connex	Bulkhead receptacle		1.86	1.65
165	The state of		71590	G1B235 ₹	Jameco ValuePro	BNC female panel mount (UG-1094A)		1.80	1.65
m I and			111561 148224	200-148 200-165	Jameco ValuePro Jameco ValuePro	BNC female isolated bulkhead with washer & nut		1.99	1.79 1.69
160929/16192	22 174290/355	120 1952821	148232	B-332-IF	Jameco ValuePro	BNC female isolated bulkhead feed-thru with washer & nut		2.24	1.68
cloud			160929	B211F-58 2	Jameco ValuePro	BNC female, crimp type (RG58)		1.27	1.12
1	100	-875	161922		Jameco ValuePro	BNC female, crimp type (RG174)		1.62	1.46
	1	1	174290	TBC-090 ₹	Jameco ValuePro	BNC female chassis mount		1.60	1.20
	Lak.		355120	31-203 🗷	Jameco ValuePro	BNC female chassis mount jack (UG-290A/U)		3.55	3.19
146511	2077618	161656	1952821	KDA1001-H0		BNC female R/A plastic insulation, PC mount		.89	.75
State of		-30	146511		Jameco ValuePro	BNC female R/A plastic insulation, PC mount, with washer & nut		2.39	2.04
100 G	ES A DO	26	2077618	BNC-CR	Various	BNC female chassis PCB receptacle		1.25	.99
40	Ap. A	A STATE OF THE PARTY OF THE PAR	161656	CH-/08/D	Jameco ValuePro	BNC female right-angle, metal, PC mount	2. 19	2.09	1.59
118594	207095	72629	Adapte	ers/Coupler	s				
	-		118594	200-155	Jameco ValuePro	Male to female/female T-adapter	\$2.85	\$2.58	\$2.10
0.514	410	A P. Ca	207095	BJ-7079	Jameco ValuePro	Female to male/male T-adapter		4.45	3.95
Carried States	000	-	72629	200-150	Jameco ValuePro	Female to female/female T-adapter		2.49	2.25
207087	100597	207116	100597	40958-Y	Jameco ValuePro	Male to female/female T-adapter (180°)	6.19	5.60	5.05
(0.4)	Ch.	60.	207116	BJ-7082	Jameco ValuePro	Male to female/female/female T-adapter		6.45	5.79
	1	15	117461	B-068 ⊕	Jameco ValuePro	Male to female/female F-adapter (90°)		3.95	3.55
183	. 600	00	71909	200-160	Jameco ValuePro	BNC female/female coupler (UG-914)		.99	.85
1174/1	71909	127343	127343	B-311 ⊕	Jameco ValuePro	BNC male/male coupler (UG-491B/U)		2.03	1.67
117461	71909	127343	127352 188429	B-412 2	Jameco ValuePro Amphenol Connex	BNC M-F right angle (DG-306B/O)		2.85	2.15 2.65
Name of	-	a	658507	112445 🗷	Amphenol Connex	50Ω jack-to-jack		2.40	2.23
(50)	2 160	6.0	296083	112446 🗷	Amphenol Connex	75Ω jack-to-jack		1.91	1.69
	and a	-0	658515	112461 🕿	Amphenol Connex	50Ω T-adapter, jack-plug-jack		2.01	1.91
127352	188429 6	58507/296083	355152		Jameco ValuePro	50Ω BNC straight adapter, jack-jack (UG-914/U)		2.38	2.07
	-		311343	31-10-RFX⊕	Jameco ValuePro	50Ω BNC jack, bulkhead	2.55	2.12	1.71
16	100	Was a	Termii	nators					
- 6		4	71458	B-611T ⊕	Jameco ValuePro	BNC male terminator (50Ω)	\$1.95	\$1.42	\$1.22
658515	355152	311343	71790	200-177	Jameco ValuePro	BNC male terminator (75 Ω)		1.31	1.07
0.0		P.P.	658540	202100 🕿	Amphenol Connex	Male cap with chain		2.03	1.94
40	1	1600	658523	202103 🗷	Amphenol Connex	50Ω terminator plug	2.25	1.91	1.69
00	Sec. 19		658531	202105 🗷	Amphenol Connex	75Ω terminator plug	2.15	2.06	1.97
71458/71790	658540	658523/658531	* Use tool	667850, pg 73	† Use tool 667905,	pg 73			
	₹ RoHS c	ompliant product	⊕ This pr	oduct is available	in both RoHS and non-F	RoHS versions. Add an "R" before part number for RoHS version. Details on page	166.		
						1 0			





SMA/SMB Connectors, Adapters & BNC Cables

000					SMA	SMB Connectors and Adapters	_		
100		Mar o	SMA Co.	nnectors				* Web Co	de: FBT
de	-		Part No.	Manufacturer	Product No.	Description	Plating 1	10	25
296374	15797	72	296227	Amphenol Connex	132101 2 †	50Ω straight cable plug w/ contact, 0.085 semi-rigid (RG-405U)	Gold \$2.79	\$2.35	\$2.23
		-	296331	Amphenol Connex	132119 🕿 *	50Ω bulkhead crimp jack (RG-174/188A/316/B7805A)	Gold 5.29	4.53	4.15
STOCKE OF	200	-	296374	Amphenol Connex	132134 🗷	50Ω straight jack, PCB terminals	Gold 4.79	4.53	4.31
1			157972	Jameco ValuePro	19-03F-4TGG ⊕	50Ω crimp type male plug connector (RG-58)	Gold 3.99	3.59	3.29
153366/3553	304 145382	153286	153366	Jameco ValuePro	4804 ≈	50Ω crimp type male plug connector (RG-174)	Gold 4.39	3.95	3.55
- 4	~	1.4.4	145382	Jameco ValuePro	19-46G ≈	Straight female PCB mount connector, 4 legs	Gold 5.25	4.46	3.94
100	A meta		145373	Jameco ValuePro	19-49G⊕	90° female PCB mount connector, 4 legs	Gold 7.39	6.65	5.98
THE PARTY OF	THE STATE OF THE S		153286	Jameco ValuePro	SMA-7813 ₹	Bulkhead solder female w/ washer, rear mount (RG-58/174)	Gold 2.95	2.65	2.39
- W			159531	Jameco ValuePro	CH-7814 21	Female panel mount conn., 4 mounting holes (G-58/174)	Gold 3.75	3.15	2.96
159531 1	60022 160013	355283	160022	Jameco ValuePro	CH-7815-G ₹1	Female panel mount conn., 2 mounting holes (RG-58/174)	Gold 4.79	3.75	3.55
-	ethan i	Sin.	160013	Jameco ValuePro	CH-7818-N ₹	Panel mount feed thru connector female – female	Nickel 4.99	4.24	3.74
Section.	42	1	355283	Jameco ValuePro	901-143-6RFX ₹	50Ω jack, right angle, PC mount	Gold 4.99	3.49	3.32
100	400		355304	Jameco ValuePro	901-9877-RFX ≈	50Ω plug, crimp (RG-174/U; RG-188A/U; RG-316/U)	Gold 2.55	2.40	2.10
	40	A RESIDEN	* Use crimp	tool 667905, pg 73	† Use crimp tool 667	921, pg 73			
659032	659041	659059	SMA Ad	apters & Coupl	ers				
-	400		659032	Amphenol Connex	132168 🗷	50Ω plug-to-plug adapter	Gold \$5.19	\$4.95	\$4.70
	and the		659041	Amphenol Conenx	132169 🗷	50Ω jack-to-jack adapter	Gold 4.45	4.25	4.05
100	SEC. LO	Service of the last of the las	659059	Amphenol Connex	132170 🗷	50Ω jack-to-jack adapter, bulkhead feedthru	Gold 6.69	6.39	6.09
-	- 0	1	659067	Amphenol Connex		50Ω plug-to-jack adapter	Gold 4.95	4.73	4.50
659067	659075	896257	659075	Amphenol Connex	132172 🗷	50Ω right angle plug-to-jack adapter	Gold 7.99	7.27	6.97
			896257	AMP	1054869-1₹♠	SMA in-series adapter, jack-to-jack, bulkhead, feedthru	Gold 17.95	16.95	15.95
No. of Concession,	Part	-	153294	Jameco ValuePro		Straight coupler female – jack-to-jack	Gold <mark> 4.29</mark>	3.87	3.10
TO SHALL			161294	Jameco ValuePro		Straight coupler male – male	Gold 3.65	3.29	2.95
153294	161294	161307	161307	Jameco ValuePro		Right angle coupler male – female	Gold 5.99	5.39	4.79
133274	.01271	101007	188509	Amphenol RF	901-144-8-RFX ₹	PCB jack	Gold 3.19	2.56	2.49
	LL		188525	Amphenol RF	901-143-6-RFX ₹	PCB jack	Gold 5.25	5.15	5.05
No. of London			659083	Amphenol Connex	202112 🗷	Plug cap	Nickel 1.49	1.35	1.25
-	1	1111		nnectors				Web Cod	
188509	188525	167312	167312			Right Angle jack, PCB mount	Gold <mark>.\$4.45</mark>	\$3.89	\$3.45
100307	100323	10/312	172364	Jameco ValuePro		50Ω Bulkhead crimp jack	Gold <mark> 3.49</mark>	2.95	2.49
No. of Concession, Name of Street, or other	-		172372	Jameco ValuePro		50Ω Cable crimp plug	Gold <mark> 3.79</mark>	2.76	2.07
				No. = Limited Quantity	Available	*WALC L DOW			
_ 0			Hardwai	re		* Web Code: RCH	* Order	in multipl	es of 10
172364	172372	740914	740914	AMP	1-329631-2 🗷 🛧	Jam nut	Gold*	\$.16	\$.15

ValuePro SMA/SMB 50Ω Coax Cables



Fig. 1: SMA male to SMA male

Fig. 2: SMA male to SMA right angle male

Fig. 3: SMA right angle male to SMA right angle male

Fig. 4: SMB plug to SMB plug

	p.ug to t		p.ug			
Part No.	Cable	Fig.	Lgth (ft.)	1	10	50
159371	RG-58 ≉	1	2	\$5.49	\$5.23	\$4.97
159397	RG-58 ≉	1	6	5.95	5.35	3.99
169801	RG-174 ₹	1	0	5.59	4.75	4.19
163855	RG-174 ≉	1	1	4.95	4.65	4.09
153382	RG-174 ≈	1	2	4.95	4.21	3.39
153391	RG-174 ≈	1	4	5.89	5.08	4.59
159451	RG-174 ≉	1	6	7.95	7.20	6.49
175127	RG-174 ≈	2	0.5	4.95	4.49	3.95
175135	RG-174 ≈	2	1	5.45	4.63	4.09
175143	RG-174 2	3	0.5	6.45	6.15	5.75
175152	RG-174 ≈	3	1	6.59	5.60	4.94
175178	RG-174 ≉	4	1	5.29	4.50	3.95

RG6 75Ω Cables

Part No.	Description	1	10	50
176794	3' BNC to BNC\$	5.95	\$5.39	\$4.79
176815	6' BNC to BNC	6.95	6.25	5.59

RG59/U 75 Ω CATV & Video Patch Cords								
Part No.	Cross Ref. No.	Length (ft.)	1	10	50			
86472	CRG59-1 ₹	1.5	\$4.79	\$4.29	\$3.91			
85543	CRG59-6 ₹	6	5.95	5.89	4.39			
102373	CRG59-12	12	6.59	5.99	5.40			
262730	EBC-525	25	9.95	8.95	7.95			
262748	EBC-550	50	14.95	13.45	12.15			
262764	EBC-510	100	29.95	26.95	21.99			

RG174/U 50 Ω Network & Oscilloscope Cables							
Part No.	Cross Ref. No.	Length (ft.)	1	10	50		
111473	RG174U3 ₹	3	\$5.45	\$4.93	\$4.45		
111482	RG174U6 ≉	6	7.59	6.87	6.20		

"F" Connector Patch Cables

R	'G-6	75	Ω
_	For	1100	\ A / i !

For use with cable TV and video		6	,	0	•
Part No.	Cross Ref. No.	287101 Length (ft.)	1	29766 10	8 50
287101	205-415BK	6	\$2.29	\$2.15	\$1.95
297668	205-440BK-GW	1B 75	14.69	13.99	11.99

BNC Male Coax Cables



RG58/U 50Ω Network & Oscilloscope Cables

Part No.	CIOSS Rel. NO.	Lengin (it.)	10	50
181308	CRG58-1RR₹	1 \$4.29	\$3.95	\$3.69
102315	CRG58-1 ≈	1.5 4.39	3.99	3.59
256743	CBB-224-24	2 5.25	4.65	4.19
11404	CRG58-3	3 4.75	4.32	3.87
102331	CRG58-6	6 4.39	3.99	3.59
180822	CRG58-10	10 5.85	5.19	4.16
102350	CRG58-12 ₹	12 4.95	4.46	3.96
169818	CRG58-15	15 9.89	8.89	6.59
102357	CRG58-25	25 7.79	7.01	6.23
102365	CRG58-50	50 13.29	11.19	10.15
102381	CRG58-100	100 16.19	14.57	11.66

We're Listening to What You Need

Our goal is to provide you with more of what you want. Let us know how we can better serve your electronic needs. Send feedback to Feedback@Jameco.com.

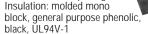
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LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE FACTORY OVERRUN

CINCH Double Row Barrier Blocks

- Voltage rating: 250VAC_{RMS} max
- · Eyelet material:
- brass with nickel plating Insulation: molded mono





* Web Code: YBM

· Screw material: steel w/ nickel over copper flash plating Solder terminal material: brass w/ electro-tin plating

140 Series 15A

- · 3750-watts/terminal max.
- 16 AWG wire max.
 Size: 0.88"W x 0.41"H
 Screw: 5-40 x 3/16"
 Density: 0.375"

Part No.	Mfr. P/N	Pos.	Length	1	10	100
230973	2-140🕿	2	1.41"	\$1.11	\$.85	\$.74
230981	3-140🗷	3	1.78"	. 1.85	1.42	1.21
230990	4-1402	4	2.16"	. 1.85	1.42	1.21
231010	6-1402	6	2.91"	. 2.29	1.74	1.49
231028	7-140🕿	7	3.28"	2.45	1.88	1.61
231036	8-1402	8	3.66"	. 2.89	2.30	2.01
231052	10-140🕿	10	4.41"	. 3.55	2.72	2.33
231061	12-140🗷	12	5.16"	. 4.19	3.29	2.97
1775983	14-140	14	5.91"	. 4.59	3.38	3.06

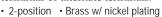
141 Series 20A

- · 5000-watts/terminal max.
- 14 AWG wire max. Size: 1.13"W x 0.5"H
- Screw: 6-32 x 1/4" Density: 0.438"

Part No.	Mfr. P/N	Pos.	Length	1	10	100
231378	4-1412	4	2.50" :	\$1.89	\$1.53	\$1.34
231394	6-141 2	6	3.38"	2.35	1.86	1.60
231415	8-141	8	4.25"	2.95	2.39	2.05
231431	10-141	10	5.13"	3.39	2.76	2.36
231440	12-141 2	12	6.00"	4.15	3.58	3.06

Terminal Block Jumper

For connecting between adjacent terminals or alternate terminals.



Part No.	Mfr. P/N	1	10	100
448500	141J (141 series)	\$.35	\$.29	\$.25

142 Series 30A

- · 7500-watts/terminal max.
- 10 AWG wire max.
 Size: 1.312"W x 0.625"H
- Screw: 8-32 x 5/16" Density: 0.563"

Body: black thermoplastic (UL94V-0)

Product No. Poles A"

Screws: steel nickel plated • 12-18 AWG

Insulation withstanding voltage: 2000VAC min.

• Insulation resistance: $1000M\Omega$ or more at 500VDC

207572

Dimensions

GGE-20-6P 6 76.3 85.3 \$1.99 \$1.79 \$1.59

GGE-20-12P₹ 12 141.7 150.7 3.59 3.19 2.79

Terminals: brass tin plated

Part No.	Mfr. P/N	Pos.	Length	1	10	100
440891	8-142	8	5.47" .	. \$5.55	\$5.32	\$4.73

Double Row, Y-terminal

IAMECO

20A @ 600V

· Screw size: M3.5

Width (W): 22.0mm

· Height (H): 13.2mm

1775991 5-142-Y♠ 3.78" .. \$3.69 \$2.94 \$2.53

Metric Double Row

Terminal Blocks

★ Web Code: SBG

10

DIN Rail-Mounted Terminal Block & DIN Rail

Foot snaps onto standard DIN and DIN 2 rails. Terminals are positively retained on rails, but can be removed without disturbing adjacent units.

- Molded thermoplastic
- 14-22 AWG
- · Spacing: 5.06mm (.199")
- UL rated voltage and current: 600V @ 20A

237083: 35mm W x 7.5mm D

Part No.	Product No.	Type 1	10	100
237083	41296.2	SR2.5 \$.89	\$.79	\$.69
248736	2094.0	TS35 x 7.5 6.95	6.25	5.49

Terminal Blocks

· For detailed specifications, please see our website at www.Jameco.com 164814: Male header (.197") for use with 164794 and 164806

Fig.2 (160785)

Male Dovetail:

Fig. 6 (164806)







Fig. 9 (164814) use w/ Fig. 6

OVE

★ Web Code: XBD

Fig. 3 (161067) 4 (189676)

R







Fig. 7 (249084) 8 (152347)

	, 11g. 0 (10400)					
Part No.	Mfr.	Product No.	Fig.	Term.	Terminal Spacing	1	10	100	1000	
99427	Dinkle	DT128/2 ₹	1	2	0.197"/5mm	\$.80	\$.61	\$.49	\$.44	
99398	Dinkle	DT128V3P ₹	1	3	0.197"/5mm	99	.89	.79	.59	
160785	Dinkle	EK500V-02P ₹	2	2	0.197"/5mm	65	.55	.45	.39	
160793	Dinkle	EK500V-03P ₹	2	3	0.197"/5mm	99	.91	.80	.74	
161067	Dinkle	EK500A-02P ₹	3	2	0.197"/5mm	85	.74	.55	.44	
161059	Dinkle	EK500A-03P ₹	3	3	0.197"/5mm	1.14	1.02	.87	.66	
189676	OST	EDC500/2DS₹	4	2	0.197"/5mm	79	.71	.64	.58	
189668	OST	EDC500/3DS₹	4	3	0.197"/5mm	89	.80	.72	.61	
2081203	Dinkle	ED500V-3P ₹	5	3	0.197"/5mm	69	.59	.45	.39	
164794	OST	EDC130/2DS₹	6	2	0.197"/5mm	65	.58	.49	.45	
164806	OST	EDC130/3DS	6	3	0.197"/5mm	1.09	1.00	.90	.67	
249084	OST	EDZ750/3	7	3	0.200"/5.08mm	2.29	2.05	1.82	1.72	
152347	OST	EDC120/2DS₹	8	2	0.200"/5.08mm	65	.55	.45	.39	
152355	OST	EDC120/3DS₹	8	3	0.200"/5.08mm	47	.44	.39	.31	
164814	OST	EDSTL130/24	9	24	0.197"/5mm	2.65	2.37	2.16	1.64	

AMECO

215011

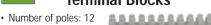
* Web Code: CBJ

248736

Sold in 1 meter (39") length

EXCLUSIVE

European Terminal Blocks



1.2mm raised base

Fig. 1 (99398)

Fig. 5

· Voltage: 600V Working temp.: 230°F (110°C)

· Terminal insert: brass metal alloy, nickel plated

Material: Polyamide 66 (nylon 66),

UL94V-2, natural

Wire protector: stainless steel spring (DS)

Screws: zinc plated, yellow chromed

Part No.	Product No. Amp	s AWG	1	10	100
215011	PA8HDS₹ 20A	12-22	\$1.79	\$1.59	\$1.29
215029	PA10HDS ₹ 30A	10-22	2.45	2.19	1.81
215037	PA12HDS ₹ 35A	10-22	2.95	2.59	2.25

Fig. Telecom Splice Connectors

· Provides clean, solid and rapid connection of wires to keep lines free of noise





169747

 Available to handle a wide 169755 range of conductor sizes

169/55:	Order in r	order in multiples of 10				
Part No.	Color	AWG	Conductors	10	100	1000
169747	Yellow 2	22-26	2	\$.19	\$.15	\$.14
160755	Dod 2	10 26	2V	16	1/	12

Wire Connectors

 Material: UL approved nylon 66, 94V2

Quick and secure method to splice control wires





 Twist on type
 Strip wire before application 182449: nylon 66, 94-2 UL/CSA approved

140717:	PE - metal inside	Order i	n multiple	multiples of 10			
Part No.	Description	10	100	1000			
182449	Crimp 16-14 AWG⊕*	\$.19	\$.17	\$.15			
140717	Wire IDC 22-18 AWG ₹	09	.08	.07			
* Poquiros	crimping tool (P/N 72006, pg 77)						

AMP **Power Tap**

Standard Power Tab

- · Screw: steel plated
- Resistance: 2mΩ max.
- · Connector body & lid: nylon 94V-0 rated
- · Contact: copper alloy, bright tin-lead

Mfr. P/N Description 55556-4 **₹** 6-32 screw hole ...

Product requires 1-2 additional days to ship. Request 'ship partial' if you want other items to ship sooner (note separate shipping charges will apply). Minimum order quantity & prices are subject to change

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.





Part No.

207547

207572



171-Pc. Solderless Terminal Kit





		Wire	Blade			Wire	Blade
Qty.	Description	Gauge	Size	Qty.	Description	Gauge	Size
10	Male spade	22-16	1/4"	10	Ring term.	16-14	#10
10	Male spade	16-14	1/4"	5	Ring term.	12-10	#10
10	Fem. spade	22-16	1/4"	5	Ring term.	12-10	#14
10	Fem. spade	16-14	1/4"	10	Spade term.	16-22	#6
10	Ring term.	22-16	#6	10	Spade term.	16-22	#8
10	Ring term.	22-16	#8	10	Spade term.	16-14	#10
10	Ring term.	16-14	#10	10	Butt conn.	16-22	—
15	Ring term.	16-14	#6	10	Butt conn.	16-14	—
10	Ring term.	16-14	#8	5	Butt conn.	12-10	_

 Use crimping tool P/N 72996, below Clear, hinged plastic box

Part No Description 10 25 10990 Solderless terminal kit 🗷 \$9.95 \$8.95

*Splices and Wire Caps Available Online — Enter Web Code QBZ

molex

Fully Insulated Coupler

This fully insulated nylon coupler is precision engineered, allowing the female terminal to fit precisely into the corresponding male housing, which provides a fully insulated inline splice. This splice may be connected and disconnected without damage to the nylon insulation.



• Tab si	ze: 0.250" x 0.0)32" • Fe	emale	★ Web Code: LCB	Order i	in multiple	es of 10
Part No.	Mfr. Part No.	AWG	Color	WCD COUC. LOD	10	100	500
180766	10005-0005	14-16	Rlug		¢ 10	¢ 16	¢ 1/

molex Insulkrimp® Female Quick Disconnect

· Translucent insulator provides fast, on-line quality control inspection of the wire/terminal assembly

* Web Code: JCB

 Terminal's funnel entrance is designed for increased crimping rates by speeding wire delivery into the crimp section and eliminating wire strand fold back



 PVC insulation Material: brass Order in multiples of 10 Mfr. Part No. AWG Color 10 100 500 Part No. Tab size 489627 19003-0001 18-22 Red 0.250" x 0.032" \$.15 \$.11 \$.10 0.187" x 0.032"... 489643 19003-0017 18-22 Red .18 .15 .13

Avikrimp® Female Quick Disconnect

- Gives an extra advantage of secure metal support sleeve
- · Fulfills the double crimp support requirements of VDE and **DIN** specifications Standard flare
- · Terminal and ferrule: tin-plated brass
- Insulation: nylon 94V-2 Color: red

Part No.	Mfr. Part No.	AWG	Tab size	1	10	100	500
489475	19002-0001	18-22	0.250" x 0.032"	\$.39	\$.24	\$.21	\$.19

molex Perma-Seal™ NIAC Butt Splice

- · Provides a rugged, environmentally sealed connection that will insulate, seal and protect joints from physical abuse and abrasion, water, salt and other corrosive compounds
- · Insulation material: heat shrink heatable tubing with hot melt inner liner • Terminal: tin-plated copper

Part No.	Mfr. Part No.	AWG	Color	1	10	100	500
491305	19164-0013	18-22	Red	\$.69	\$.59	\$.49	\$.39

*Solderless Terminals Available Online — Enter Web Code UBT

*Ring Tongue Terminals Available Online — Enter Web Code YDD

(H) Solderless Terminal Crimping Tool

 Crimps solderless terminals: 18-22 AWG red. 14-16 AWG blue and 10-12 AWG yellow

Size: 9.0"L x 2.0"W





AMP

P.I.D.G. (Pre-Insulated Diamond Grip) Nylon Insulated Terminals

Temperature rating: 105°C Funnel ramp entry
 Meets MIL-T-7928



Ring To	ngue Termi	inals	;			* Order i	n multipl	es of 10
Part No.	Mfr. Part No.	Fig.	Stud Size	Wire (AWG)	Color	1	10	100
302666	36152₹	1	#6	22-16	Red	*	\$.17	\$.16
302674	31890₹	1	#8	22-16	Red	28	.24	.21
302738	320565≉	1	#8	16-14	Blue	*	.17	.16

Spade	Spade Tongue Terminals											
Part No.	Mfr. Part No.	Fig.	Stud Size	Wire (AWG)	Color	1	10	100				
302851	328394	2	#2	22-16	Red	. \$.25	\$.20	\$.19				
302869	327717🕿	2	#4	22-16	Red	25	.22	.20				
302877	34541🕿	2	#6	22-16	Red	*	.17	.16				
302885	32053	2	#8	22-16	Red	29	.26	.23				
302906	35559₹	2	#6	16-14	Blue	26	.25	.21				
302914	32059₹	2	#8	16-14	Blue	28	.27	.21				

Flanged	l Spade Tor	igue	Termina	I				
Part No.	Mfr. Part No.	Fig.	Stud Size	Wire (AWG)	Color	1	10	100
303010	320862₹	3	#8	16-14	Blue	. \$.25	\$.22	\$.20

Butt & Knife Disconnect Splices Part No. Mfr. Part No. Fig. Stud Size Wire (AWG) Color 10 100 303175 320559 4 Butt 22-16 Red \$.56 \$.53 \$.50 303183 320562 Butt 16-14 Blue57 .53 .51

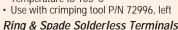
Fast-U	<i>п кесер</i> тасі	es						
Part No.	Mfr. Part No.	Fig.	Size (in.)	Wire (AWG)	Color	1	10	100
303255	640917-1 2	5	.187 x .020	22-18	Red	\$.25	\$.21	\$.18
303280	640903-1	5	.250 x .032	22-18	Red	*	.16	.14
303327	640905-1 2	5	.250 x .032	16-14	Blue	*	.20	.18
202242	640007 1 🖘	Б	250 v 022	12 10	Vollow	25	22	20

Vinyl Insulated Solderless Terminals

- · Insulation thickness: .030"
- Funnel ramp entry

F--4 O- D----4--1--

103684 Temperature to 105°C



			-	. 0.0 0 0 0 0 0 1				
Ring & S	Spade Solderles		* Order in multiples of 10					
Part No.	Description	Stud Size	Wire (AWG)	Color	1	10	100	1000
103684	Ring solderless 2	#6	22-16	Red	*	\$.11	\$.09	\$.07
103588	Spade solderless \$	#6	22-16	Red	*	.12	.08	.07
103596	Spade solderless 3	#8	16-14	Blue	*	.13	.09	.08

103588

★ Web Code: WAM

103668

109112

Disconnect Solderless Terminals											
Part No.	Description	Blade Size	Wire (AWG)	Color	1	10	100	1000			
106922	Female 🗷	.187"	22-16	Red	*	\$.12	\$.10	\$.08			
103668	Female 🕿	.25"	22-16	Red	*	.15	.10	.075			
100112	Fomalo w/ bond?	25"	22.16	Dod	25	21	1/	07			

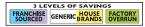
AMP

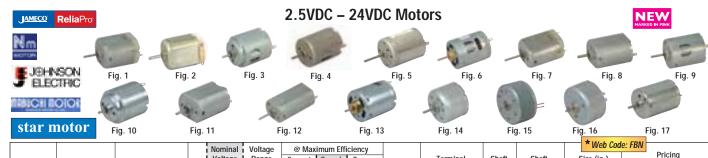
Solistrand Uninsulated Terminals

Ring Tongue Terminals

Designed to terminate solid and stranded wire, irregular shaped conductors, and combinations of these. Corrosion resistant, vibration resistant and tensile strength of these terminals and splices are well within the limits of commercial military applications. Order in multiples of 10

Part No.	Mfr. Part No.	Stud Size	Wire (AWG)		10	100
844220	34104	#4	22-16	MARKED IN PINK	\$.12	\$.11
844289	34107 2	#6	22-16		15	.14
844318	34108 ≈	#8	22-16		13	.11
844377	34111 2	#8	22-16		12	.11
844406	34112 2	#10	22-16		17	.16





		3	3			3		3		3	•	,	,		,	
				Nominal	Voltage	@ Max	cimum Eff	ciency					* Web Code: FBN			
				Voltage !	Range		Speed	Torque		Terminal	Shaft	Shaft	Size (in.)		Pricing	400
Part No.	Manufacturer	Product No.	Fig.	(VDC)	(VDC)	(Amps)	(RPM)	(g-cm)	Efficiency	Туре	Dia. (in.)	Length (in.)	(Dia. x Depth)	1	10	100
238465		RF-310TA-11400 (CW)	14	2.5	1-6	0.06	2190	3.3	75	Solder	0.078	0.700	0.962 x 0.712	\$2.95	\$2.65	\$2.39
238458		RF-300PA-11400 (CW) 2	15		1-3	0.07	2400	4.3	56.4	Wires	0.078	0.200	0.960 x 0.504	4.35	3.89	3.49
154915	Star Motor	ST130-12240-38	2		1.5-3	0.17	3588	7.4	55	0.09"/solder	0.08	0.37	0.79 x 1.13	1.45	1.29	1.15
1939589		FF-130RH-15210	1 1	3	1-4		4280	5.8	50	0.08"/solder	0.08	.24/.21	0.79 x 0.98	.95	.85	.75
1951449	Jameco ReliaPro	QJT-260-18130	10	3	1.5-4.5	0.46		10.0	40	Solder	0.078	0.314	0.944 x 1.071	1.55	1.39	1.29
154923	Star Motor	ST-130-22770	2	3	1.5-3	1.150	12500	10.3	40	0.09"/solder	0.08	0.37	0.79 x 1.13	1.45	1.29	1.19
2078231	Sun Motor	18-2760	3	3	1.5-3	0.35	13800	18.5	-	0.11"/solder	0.08	0.25	0.93 x 1.07	.99	.79	.59
211246	Mabuchi Motor	RC-260RA-2670	3	4.5	3-4.5	1.430	15290	21.8	53	0.11"/solder	0.08	0.28	0.93 x 1.06	1.05	.95	.85
238511	Mabuchi Motor	RF-500TB-12560	16	6	1.5-12	0.08	2180	11.6	50.6	Solder	0.078	0.385	1.259 x 0.767	3.95	3.49	2.75
232144	Jameco ReliaPro	FF-050S-11170 2	12	7	1.5-9	0.17	8500	7	51.3	Solder	0.059	0.433	0.610 x 1.059	3.05	2.75	2.49
177498	Mabuchi Motor	RC280RA-2485₹	4	7.2	3-14	1.180	14260	33.3	57	0.11"/solder	0.08	0.43	0.95 x 1.20	2.19	1.95	1.75
231802	Jameco ReliaPro	PC-130F-10370	11	9	6-12	0.15	6410	8.5	43.9	Solder	0.078	0.377	0.803 x 0.984	2.25	1.99	1.85
231803	Jameco ReliaPro	PC-130F-10370-R ₹	11	9	6-12	0.15	6410	8.5	43.9	Solder	0.078	0.377	0.803 x 0.984	2.49	2.12	1.59
1955669	Canon	DN26-T41NIB	8	12	4-12	0.25	2200	34.33	_	0.11/solder	0.08	0.30	1.01 x 1.00	1.19	.99	.79
174693	Johnson Electric	21226-384221	5	12	9-14	0.015	3000	85.06	_	0.11"/solder	0.08	0.69	0.97 x 1.19	2.95	2.65	2.39
232013	Jameco ReliaPro	MD5-12160 ₹	13	12	12-24	0.30	4000	34.3	39.1	Solder	0.091	0.622	1.082 x 1.279	2.25	1.99	1.79
231732	Jameco ReliaPro	PC-130SF-09480 2	11	12	6-24	0.11	4800	12.3	49.6	Solder	0.078	0.377	0.803 x 0.984	2.29	2.05	1.85
238473	Jameco ReliaPro	RF-370CA-15370	17	12	3-12	0.17	4840	187	75	Solder	0.078	0.346	0.960 x 1.213	5.55	4.99	4.49
206949	Nichibo	QJT360S14280	6	12	9-30	0.350	4930	44.5	52	0.11"/solder	0.09	0.45	1.09 x 1.30	2.15	1.95	1.75
667411	Mabuchi Motor	RF270RH-12370	7	12	6-15	0.140	5130	19.2	_	0.08"/quick conn.	0.08	0.59	0.96 x 1.21	1.25	1.09	.89
231750	Jameco ReliaPro	PC-130SF-09400	11	12	6-24	0.15	5130	14.3	42.5	Solder	0.078	0.377	0.803 x 0.984	1.95	1.75	1.69
231896	Jameco ReliaPro	FE-260-08450	10	12	6-12	0.11	5560	10.3	46.6	Solder	0.078	0.314	0.937 x 1.063	1.29	1.15	.99
1586031	Mabuchi Motor	FK-260SA	1 ¦	12	12-24	0.027	5800	14.8	55	0.08"/solder	0.08	0.42	0.96 x 1.06	1.25	1.09	.95
1810099	Mabuchi Motor	FK-260SA (14280)	1 ¦	12	12-24	0.063	8600	14.8	55	0.08"/solder	0.08	0.43	0.96 x 1.06	.99	.89	.79
1586058	Mabuchi Motor	FK130RH-10450	8	12	6-18	0.036	9750	8.9	45	0.08"/solder	0.08	0.31	0.80 x 0.99	1.55	1.39	1.19
232022	Jameco ReliaPro	MD5-1885 ₹	13	12	6-18	0.74	9820	53.5	60.7	Solder	0.091	0.622	1.082 x 1.279	2.95	2.65	2.29
1708351	Nichibo	KD35FN-6531FB	4	12	9-15	1.1	13500	2259	43	.15"/quick conn.	.128	.643	15. x 2.4	3.35	2.95	2.65
232047	Jameco ReliaPro	MD5-2445	13	12	6-12		19850		66.0	Solder	0.091	0.622	1.082 x 1.279	2.25	1.99	1.85
137412	Johnson Electric	3E3151A3	4	14.4	_	1.84	22300	70.8	76	Wires	0.125	0.350	1.40 x 1.96	2.49	2.25	1.95
1586023	Mabuchi Motor	RK370C	5 ¦	24	12-30	0.15	3850	19.3	60	0.08"/solder	0.08	0.67	0.96 x 1.21	1.75	1.49	1.19
1586040	Mabuchi Motor	RS365PH-11240	9	24	9-28	0.070	10700	411	62.5	0.11"/solder	0.09	0.49	1.08 x 1.28	2.95	2.65	2.39
137614	Johnson Electric	684823A	4	24	_	0.10	2300	78	61	0.8"/Quick Conn.	0.125	0.530	1.40 x 1.96	2.29	2.04	1.63

Alitec 1/4 Scale Servo Motor

- · Control system: +pulse width control 1500µsec neutral
- Operating speed @ 4.8V:
- 0.19sec/600 @ no load Stall torque @ 4.8V: 19.8 kg.cm
- Clockwise direction
- Operating voltage range: 4.8 to 6.0V
- Operating angle: 450/one side pulse traveling
- Current drain: 8mA/idle; 700mA no load running
- Dual ball bearing Size: 2.6"L x 1.2"W x 1.3"H

Part No. Mfr. Part No. 358619 HS-805BB......**\$59.95** \$56.95

Standard Servo

- · Control system: +pulse width control 1500µsec neutral
- Stall torque @ 4.8V: 3 kg.cm
- Idle current: 7.4mA @ stopped
- Operating voltage range: 4.8V to 6.0V
- Operating speed @ 4.8V: 0.19sec/600 @ no load
- · Running current @ 4.8V: 160mA/600 @ no load
- · Ball bearing w/ 24 segment gear spline

Part No. Mfr. Part No

395760 HS-322HD \$18.65 \$16.95

MITTEC

Deluxe Servo

- · Control system: +pulse width control 1500µsec neutral
- Operating voltage: 4.8V to 6.0V
- Stall torque @ 4.8V: 3.3 kg.cm
- Operating speed @
- 4.8V: 0.21sec/600 @ no load
- Operating angle @ 4.8V: 450 /one side pulse travelling
- · Current drain: 8mA idle; 150mA no load running
- Dual bushing Size: 1.6"L x 0.8"W x 1.4"H

Part No. Mfr. Part No. 395786 HS-422 \$19.95 \$18.95

MITTEC

Servo Motor

- · Control system: pulse width control 1500µ sec neutral
- Idle current: 7.4mA at stopped
- Operating voltage range: 4.8V to 6.0V
- Running current: 160mA at no load
 Operating speed @ 4.8V: 0.19 sec. at no load
- Stall torque: 3.0 kg cm Clockwise direction
- Stall current: 600mA Size: 1.5"L x 0.78"W x 1.43"H
- · Ball bearing with 24 segment gear spline

Part No. Mfr. Part No 358635 HS-311 \$16.95 \$15.95

1/4 Scale Servo MITTEC

- · Control system: +pulse width control 1500µsec neutral
- Operating voltage: 4.8V to 6.0V Stall torque @ 4.8V: 11 kg.cm
- Stall current @ 4.8V: 1500mA
- · Idle current @ 4.8V: 8mA @ stopped
- · Operating speed @ 4.8V: 0.28sec/600 @ no load
- Running current @ 4.8V: 230mA/600 @ no load
- Clockwise direction
- Ball bearing w/ 24 segment gear spline
- Size: 2.3"L x 1.1"W x 2.0"H

Part No. Mfr. Part No. . \$44.95 166351 \$42.95

Servo Gripper

Opens to 3.3 cm (1.3"). Operates via Mini SSC, Stamp 2 or other servo controller.



See page 164 for Parallax Servo Controller

ROHS compliant product 🕀 This product is available in both ROHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.



* Web Code: VBA

→ PONTECH



KAE

Industrial Motion Controllers for Brush, Brushless & Stepper Motors

323942: • For brush-type DC motors with 2 or 3 channel incremental encoders

- · P.I.D. Servo control, trapezoidal position profiling, velocity mode, 32-bit resolution
- Integrated 12 to 48VDC supply power amplifier @ 3A continuous, 6A peak

· Limit switch inputs, general purpose analog input, PWM, DIR output for use with external amps

323951: • For 3-phase brushless motors with hall effect sensors or conventional DC brush-type motors

• High current amplifier: 7A continuous, 10A peak, 12 to 48VDC supply Amplifier capable of driving 6A continuously @ up to 48VDC

Support for linear & circular interpolation using the PIC-SERVO CMC chipset

184997: • Trapezoidal position profiling, velocity mode, up to 50,000 steps per second

• Full/half step bipolar chopper drive, 2A per phase, 7.5 to 46VDC supply • Integrated indexer and driver for 2 or 4 phase stepper motors



A STATE OF	184997

Part No. M	Manufacturer P/N	Description	Size (L x W x H)	1	10
323942 K	KAE-T0V10-BDV1	PIC-SERVO motor control board	3.1" x 2.1" x 0.9"	\$159.95	\$151.95
323951 K	KAE-T0V10-BD3PHV1	PIC-SERVO 3-phase motor control board for brush or brushless motors	3.1" x 3.1" x 0.9"	239.95	227.95
184997 PI	PIC-STEP	PIC-STEP motor control board	3.1" x 2.1" x 0.9"	159.95	151.95

Multi-Stepper Motor Control Board

- Current-mode coil driver up to 2A/45V
- 11 analog channels, A/D converter, 12-bit resolution
- · 24-bit position register; can be read while motor is moving
- High-speed serial communication interface 9.6kbps-230.4kbps
- Linear acceleration/deceleration capability up to 8500 step/sec.
- · Full step (monophasic and biphasic), half step and external driver modes * Web Code: VBA

Simultaneous/independent control of up to

16 stepper motors through a single serial port

26 digital I/O and two SPI interfaces for control of external devices

Part No.	Description	Size (L x W x H)	Price
168729	Stepper motor control board ?	7.7" x 5.0" x 1.0"	\$399.95

· RMW RMV856-ET Stepped Motor Controller

Internal step register counts up to 16 million steps per motion

* Web Code: QBV

- CMOS, +5V device combines high performance with low cost
- 8 digital I/Os can be addressed individually by one command
- Capable of generating step rates from 16 steps/sec to 8500
- steps/sec using pulse and direction signals
- External programmable events: trigger waits, loops, program branches and stepping motions
- Supports programmable start rate, accel/decel, slew rate and absolute or relative control position
- Internal or external direction control and separate limit switch for interfacing

355186 DIP-40 Stepper motor controller. \$49.95 \$45.95



Shown w/ motors

not included

168729	Stepper motor control board R	7.7" x 5.0" x 1.0"
		C.,t 0 0 0

Scott Edwards Electronics, Inc.

Serial Servo Controller Module

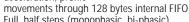
- · Controls 8 pulseproportional servos
- Receives serially at 2400 or 9600 baud
- · Module is addressable, allowing two units to share the same line to
- control a total of 16 servos Connections to serial input can be established using a modular jack (P/N 115553, see website) or modular adapter from DB9 to RJ11 (P/N 114737, see website)
- Size (PCB): 1.9"L x 1.4"W One-year warranty

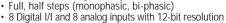
Part No.	Description	1	10
151001	Mini SSC II	\$43.95	\$41.75

Sport232-ST One Axis Stepper Motor Controller and DAC Board

- · Shaft encoder capabilities for close loop applications
- Home, limit CW/CCW, abort, pulse and direction output signals
- 4-channels with signal conditioning 0 to 2.5V, 0 to 10V







 Free 32-bit DLL for Windows 9x/NT/2000/XP, Linux and Labview

Part No.	Description	Price
355047	Sport232-ST	\$164.95

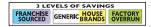
32-Bit Stepper Motor Controller One Axis

- · Controls one bipolar stepper motor with 32-bit absolute position
- Interface to PC through RS232 or RS485 @ 2400-19,200bps
- Full, half or wave step modes
- · Multiple boards may share same serial line (RS485 only)
- 2 channel general purpose 8-bit A/D input port for reading 0 to 5V
- · 4-bit digital input for home limits
- Addressable up to 255 boards
- Size: 4.4"L x 2.3"H · Weight: 0.7 lbs.

Includes: Manual and sample code software

Part No. Description 32-bit controller

Demonstrate your skills by solving this electronic challenge! JAMECO PUZZLER Applications: Detect red warning lights, brake lights and traffic signals. WHAT IS THIS? Need a Hint... This circuit detects a Jameco.com/Puzzler narrow band of red light IC 1 emitted by a red traffic light, the brake light on a vehicle or the LIGHT beam from a red diode laser. The ICI- 4T1001 OR SIMILAR circuit totally ignores near-infrared like that emitted by IR remote control devices.



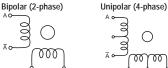
3 LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE OVERRUN

JAMECO ReliaPro

Bipolar & Unipolar Stepper Motors

Jameco offers the industry's widest variety of off-the-shelf two-phase bipolar and four-phase unipolar stepper motors for your precision applications. Be sure to check out the wide selection of 2 to 24 VDC models below.





- · Ball bearings
- · Dielectric strength: 500V, 50Hz/minute
- Insulation resistance: $100M\Omega$ @ 500VDC
- 18" lead wires
- Ambient temp.: -10°C to +55°C
- Use P/N 161998, pg 162, for shaft coupler

















Fig. 7





				Drive	Voltage	Ston	Phase	Curr.	Phase Inductance		Holding Torque		Mounting Holes	Shaft Dia.	Shaft Length	Motor Dia.	Motor Depth	Wt.		Pricing	
Part No.	•Mfr.	Cross Ref. No.	Fig.	System	(VDC)		(Ohms)	(mA)	(mH)	(g-cm)		Diagonal (in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(lbs.)	1	10	50
237569	JRP	57BYG009 ↔	3	Unipolar	2.4	1.8	1	2400	1.5	_	5914	1.86	0.20	0.25	0.83	2.29	2.20	1.40	\$29.95	\$26.95	\$24.25
237614	JRP	57BYGH801 ↔	4	Unipolar	3.3	1.8	2.2	1500	22	_	5608	1.86	0.20	0.25	0.83	2.24	2.01	1.32	31.95	28.95	25.95
237535	JRP	42BYGH102 ₹	5	Unipolar	3.6	1.8	3	1200	3.2	220	3000	1.22	0.10	0.20	0.95	1.67	1.57	0.50	19.95	17.95	16.95
1581231	OMR	PX243M-01AA ₹	1	Unipolar	4	0.9	8.4	670	10	_	793	1.79	0.08	0.195	0.88	1.67	1.27	0.46	9.95	8.95	7.95
237552	JRP	57BYG008 ₹	3	Unipolar	4	1.8	3.1	1300	4.4	_	4996	1.86	0.20	0.25	0.83	2.29	2.01	1.30	31.95	28.95	25.95
237623	JRP	57BYGH802 ₹	4	Unipolar	4.8	1.8	3.2	1500	2.9	_	8157	1.86	0.20	0.25	0.83	2.24	2.20	1.54	39.95	35.95	31.95
237607	JRP	57BYGH001 ≈	4	Unipolar	5	1.8	5	1000	_	_	3976	1.86	0.20	0.25	0.83	2.24	1.61	1.10	36.95	33.25	29.95
237825	JRP	25BY4801	6	Unipolar	5	7.5	10	500	_	45	110	1.38	0.14	0.08	0.35	0.98	0.56	0.07	9.95	8.95	7.95
237674	JRP	35BY48B06 ₹ ⊙	7	Unipolar	5	7.5	10	500	65	65	250	1.65	0.13	0.08	0.45	1.38	0.59	0.15	9.95	8.95	7.95
223870	JRP	57BYG070 ↔	3	Unipolar	5.4	1.8	3.6	1500	6	977	8974	2.65	0.20	0.25	0.80	2.20	2.20	2.00	39.95	36.95	31.95
237631	JRP	57BYGH803⊕	4	Unipolar	6.3	1.8	4.2	1500	_	_	14276	1.86	0.20	0.25	0.83	2.24	2.99	2.43	59.95	53.95	48.95
171601	+	PF35T48L4*	10	Unipolar	7	7.5	20	350	9	40	680	1.68	0.14	0.078	0.47	1.38	0.58	0.15	2.95	1.95	1.75
172646	JRP	42BYG205	3	Unipolar	9.6	1.8	75	480	15	220	2300	1.73	0.10	0.20	0.90	1.70	1.40	0.50	21.35	19.25	17.29
224022	JRP	42BYG016 ₹	2	Unipolar	12	1.8	75	160	40	150	900	1.73	0.10	0.20	0.70	1.70	1.30	0.50	21.45	19.35	17.39
155433	JRP	42BYG228 ₹	2	Unipolar	12	1.8	30	400	23	220	2000	1.73	0.10	0.20	0.90	1.70	1.50	0.50	20.75	18.69	16.79
237543	JRP	57BYG007 ≈	3	Unipolar	12	1.8	32	380	30	_	2957	1.86	0.20	0.25	0.83	2.29	1.61	1.00	24.75	22.29	19.95
238538	JRP	42BYGH404 ₹	5	Unipolar	12	1.8	30	400	25	250	3200	1.22	0.10	0.20	0.95	1.67	1.89	0.60	22.25	19.95	17.95
162027	JRP	57BYG084 ₹	3	Unipolar	12	1.8	20	600	22	725	6000	2.65	0.20	0.25	1.00	2.20	2.00	1.30	35.95	32.75	29.65
238115	JRP	35BY48B08	7	Unipolar	24	7.5	75	320	38	65	270	1.65	0.13	0.08	0.35	1.38	0.59	0.15	7.95	7.15	6.45
237489	JRP	39BYG001 ↔	2		5	1.8	5	1000	_	150	1800		0.10	0.20	0.91	1.54	1.34	0.44	19.95	17.95	15.95
237578	JRP	57BYG061 ₹	3	F	6	1.8	12	500	24	_		1.86	0.20	0.25	0.83	2.29	1.61	1.00	37.95	33.95	30.75
237519	JRP	42BYG017 ₹	2		6.3	1.8	15	420	16		1400	•	0.10	0.20	0.51	1.67	1.34	0.50	19.95	17.95	15.95
237454	JRP	39BYG201 ₹	2	Bipolar	9.6	1.8	20	480	_		1000		0.10	0.20	0.20	1.54	0.98	0.44	19.95	17.95	15.95
395567	JRP	42BYG022-40	2	•	9.6	1.8	100	240	46	_			0.90	0.20	0.26	1.67	1.29	0.43	15.95	14.35	12.95
155460	JRP	42BYG023 ₹ **	2		12	1.8	30	400	36	220	2100		0.10	0.20	0.60	1.70	1.30	0.50	20.95	18.95	17.45
237472	JRP	39BYG401A ₹	2		12	1.8	30	400	32	200	2100		0.10	0.20	0.95	1.54	1.34	0.44	21.45	19.49	17.49
1585653	JPN	KP35FM2-044	9	Bipolar	24	1.8	. °	500	7.8	90	700	1.45	0.09	0.197	0.90	1.62	1.05	0.32	5.95	5.35	4.85
454475	LIN	41118S-62-07	8	Bipolar	24	1.8	0.6	2500	.93	_	3240	1.73	0.10	0.19	0.50	1.67	1.34	0.51	9.95	8.95	7.95

^{171601:}Dual shaft with 10 tooth gear **155460: Dual shaft

JAMECO ReliaPro

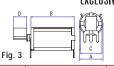
· Typical applications: cellular phones, pagers and toys













			Operating Voltage	Operating	Rated	Lead	Motor Size (A x B)	Shaft Size (C x D)		Pricing	
Part No.	Cross Ref. No.	Fig.	(VDC @ mA)	Range (VDC)	RPM @ VDC	Length (in.)	Dia." x Depth"	Dia." x Length"	1	10	100
175062	OTL-7AL⊕	1	1.3 @ 62	0.70 - 1.60	7000 @ 1.3	0.7	0.28 x 0.67	0.10 x 0.18	\$4.55	\$3.95	\$3.69
175396	OTL-4AL⊕	4	1.3 @ 65	0.70 - 1.60	8500 @ 1.3	0.75	0.16 x 0.55	0.15 x 0.23	4.75	4.25	3.85
256306	6ZK003 ₹	2	1.3 @ 80	0.85 - 1.60	8500 @ 1.3	1.0	0.23 x 0.39	0.10 x 0.10	3.35	2.99	2.69
256322	6ZK211 ₹	3	1.3 @ 80	0.80 - 1.60	8500 @ 1.3	PC Term	0.27 x 0.48	0.11 x 0.11	2.95	2.65	2.39
256365	7ZK692 🕿	2	3.0 @ 60	2.40 - 3.00	6500 @ 3.0	4.7	0.28 x 0.66	0.18 x 0.22	4.65	4.19	3.75
256382	7ZK681 🕿	2	3.0 @ 60	2.40 - 3.60	7500 @ 3.0	1.1	0.28 x 0.66	0.12 x 0.16	4.65	4.19	3.75
256314	6ZK053 ₹	2	3.0 @ 75	1.60 - 3.60	8500@3.0	1.0	0.23 x 0.39	0.10 x 0.10	3.35	2.99	2.69
256331	6ZK261 ₹	3	3.0 @ 75	2.40 - 3.00	8500 @ 3.0	PC term.	0.27 x 0.48	0.11 x 0.11	3.35	2.99	2.69
256091	4ZK091 ₹	2	3.0 @ 80	2.40 - 3.60	11000 @ 3.0	1.0	0.16 x 0.43	0.07 x 0.17	5.95	5.35	4.85

1.3VDC & 3VDC Vibrating Motors

JPN = Japan Servo

JRP = Jameco ReliaPro

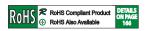
LIN = LIN Engineering

OMR = Orient Motor

RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.



❸ Blue Part No. = Limited Quantity Available



Ref. No.

GH24-1640Y19 ₹!

GH12-1045Y₹

GH12-1828Y-10₹

GH12-1921Y₹

GH12-1324Y225

JAMECO ReliaPro

Part No.

153438

170642

159418

162191

Part No

155012 155821

155839

152911

155855

151441

155863

161374

161382

164786

176050

11799

176032

176023

DC Reversible Gear Head Motors & Solenoids

6, 12 & 24VDC Reversible Gear Head Motors

• Dielectric strength: 300VDC • Insulation resistance: $10M\Omega$ · Oil bearing design for long service life

17.79

28.49

15.95

14.39

· High torque construction Solder-type terminal

Rated Operating

(VDC) i (VDC)

Voltage !

12

Range

3.0 – 12 12

4.5 - 12

12 – 24 | 340

12 6.0 – 24

12 4.5 – 12

@ Maximum E

(RPM)

7

8

35

176

148

Current Speed

(mA)

90

105

200

145

	GH30	GIVI Ser	ies						
Eff	ficiency		Gear Case Size	Motor Size	Shaft Size		Pricina		ľ
ł	Torque	Gear	Dia. x Length	Dia. x Depth	Dia. x Length		Tricing		1
)	(g-cm)	Ratio	(in.)	(in.)	(in.)	1	10	25	ı
	800	200:1	0.9 x 1.0	1.1 x 0.6	0.16 x 0.70	\$18.95	\$17.09	\$15.35	
	3500	332:1	1.2 x 1.2	1.2 x 0.9	0.16 x 0.70	26.95	24.25	21.95	
	2000	132:1	1.2 x 1.2	1.2 x 0.9	0.16 x 0.70	25.95	23.35	20.95	

0.16 x 0.70

1.1 x 0.6

AMECO 159418

★ Web Code: KBB

GH30GM Series

OHIOOONI OCHES												
Cross	Rated Voltage	Operating Range	@ Ma: Current	kimum Eff Speed	ficiency Torque	Gear	Gear Case Size Dia. x Length	Motor Size Dia. x Depth	Shaft Size Dia. x Length		Pricing	
Ref. No.	(VDC)		(mA)	(RPM)	(g-cm)	Ratio	(in.)	(in.)	(in.)	1	10	25
GH12-1926 ₹	12	4.5 – 12	250	2	6000	3000:1	1.3 x 0.9	1.5 x 1.1	.23 x .90	\$21.95	\$19.79	\$17.79
GH12-1830Y-P ₹	12	4.5 – 12	220	4.5	4500	1000:1	1.3 x 0.9	1.5 x 1.0	.23 x .90	22.95	20.65	15.59
GH12-1641T-L ₹	12	3.0 – 12	250	20	3000	270:1	1.3 x 0.9	1.5 x 0.8	.23 x .90	25.95	23.35	20.95
GH12-1926Y ₹	12	4.5 – 12	172	35	2370	100:1	1.3 x 1.0	1.5 x 0.7	.24 x .90	24.95	22.45	20.19
GH12-1641T-F ₹	12	3.0 – 12	250	71	1000	60:1	1.3 x 0.9	1.4 x 0.9	.23 x .90	24.75	22.29	19.99
GH12-1632TI ₹	12	4.5 – 12	275	57	2200	100:1	1.3 x 0.9	1.5 x 0.7	.23 x .90	21.95	19.75	17.79
GH12-1926Y-F 🕿	12	4.5 – 12	300	70	1000	60:1	1.3 x 0.9	1.4 x 0.9	.23 x .90	24.95	22.45	20.19
GH12-1345T 🗷	12	4.5 – 12	185	116	650	30:1	1.3 x 0.9	1.5 x 0.7	.23 x .90	23.95	21.55	19.45
GH12-1634T 🕿	12	4.5 – 12	293	145	850	30:1	1.3 x 0.9	1.4 x 0.7	.23 x .90	21.95	19.75	17.79
GH12-1640Y 🕿	12	4.5 – 24	120	220	180	10:1	1.3 x 0.9	1.4 x 0.7	.23 x .90	28.95	25.95	20.95
GH12-1640Y00 🗷	24	12 – 24	340	1.8	6000	3000:1	1.3 x 0.9	1.5 x 1.1	.23 x .90	21.95	19.75	17.79
CB5M-24 ₹	24	6 – 24	110	14.6	1800	_	1.3 x 1.0	1.4 x 1.1	.196 x .375	14.95	13.49	11.95
GH24-1640Y06	24	12 – 24	340	50	2000	90:1	1.3 x 0.9	1.4 x 0.7	.23 x .90	24.95	22.45	20.19

1000 30:1 1.3 x 0.9 1.4 x 0.7 .23 x .90

1.0 x 0.9

30:1

GH35GM Series



167039 **HN27GD Series**

HN27GD Series

		Rated	Operating					Gear Case Size	Motor Size	Shaft Size		Pricing	
	Cross	Voltage !	Range	Current	Speed	Torque	Gear	Dia. x Length	Dia. x Depth	Dia. x Length		Pricing	
Part No.	Ref. No.	(VDC)	(VDC)	(mA)	(RPM)	(g-cm)	Ratio	(in.)	(in.)	(in.)	1	10	50
167039	GH12-0953Y ≈	12	4.5 – 24	90	9	1200	188:1	1.0 x 0.9	1.1 x 1.0	0.16 x 0.60	\$19.05	\$17.15	\$15.45
167047	GH12-1828Y ≈	12	4.5 – 24	195	31	1300	90:1	1.1 x 1.3	1.1 x 0.8	0.16 x 0.60	24.75	22.29	19.99

32GM Series

		Rated	@ Maximum Efficiency				Gear Case Size	Motor Size	Shaft Size		Pricina	
	Cross	Voltage 1	Current	Speed	Torque	Gear	Dia. x Height	Dia. x Depth	Dia. x Length			
Part No.	Ref. No.	(VDC)	(mA)	(RPM)	(g-cm)	Ratio	(in.)	(in.)	(in.)	1	10	50
253403	32-009⊕	6	64	2.7	2500	450:1	1.9 x 0.41	1.3 x 0.90	0.30 x 0.70	\$19.95	\$17.95	\$15.99
253323	32-004	6	44	6	1500	200:1	1.9 x 0.41	1.3 x 0.90	0.30 x 0.70	16.95	15.25	13.75
253307	32-002	6	38	8	1200	150:1	1.9 x 0.41	1.3 x 0.90	0.30 x 0.70	19.95	17.95	16.15

38GM Series





32GM Series

	Cross	Rated Voltage	@ M Current	aximum Effici	iency Torque	Gear	Gear Case Size Dia. x Height	Motor Size Dia. x Depth	Shaft Size Dia. x Length		Pricing	
Part No.	Ref. No.	(VDC)	(mA)	(RPM)	(g-cm)	Ratio	(in.)	(in.)	(in.)	1	10	50
253534	38-010	12	97	24	7500	250:1	1.5 x 0.7	1.3 x 1.0	0.2 x 0.5	\$21.95	\$19.75	\$17.79
253526	38-009⊕	12	93.5	36	5400	167:1	1.5 x 0.7	1.3 x 1.0	0.2 x 0.5	18.95	16.99	15.35
253518	38-008	12	87.5	40	4800	150:1	1.5 x 0.7	1.3 x 0.1	0.2 x 0.5	18.95	16.95	15.35
253500	38-007	12	82	60	3200	100:1	1.5 x 0.7	1.3 x 1.0	0.2 x 0.5	21.79	19.59	17.65
253497	38-006	12	80	66	2100	90:1	1.5 x 0.7	1.3 x 1.0	0.2 x 0.5	19.95	17.95	16.15
253489	38-005 ↔	12	76	110	1300	56:1	1.5 x 0.7	1.3 x 1.0	0.2 x 0.5	18.95	17.00	15.35
253471	38-004⊕	12	74	120	1100	50:1	1.5 x 0.7	1.3 x 1.0	0.2 x 0.5	14.95	13.45	12.09
253446	38-001⊕	12	61.8	600	350	10:1	1.5 x 0.7	1.3 x 1.0	0.2 x 0.5	21.95	19.75	17.79



38GM Series

120VAC Gear Motor

6.0 RPM - 2.9 Watt

* Web Code: KBB

- · Operating voltage: 120VAC @ 60Hz
- Torque: >3.6 kg-cm
- · Connector: 12" wires
- Shaft dia./length: 0.27" x 0.65"
- Size: 2.0"D x 1.0"T
- · Screw down tabs for mounting (2.3" diagonal mounting hole space)
- Typical applications: air conditioner turnleaf motor, microwave turnplate motor

Part No.	Cross Ref. No.	1	10	100
213488	50TYZ ?	\$14.95	\$13.45	\$12.15

12VDC Solenoid Valve

- · Current: 350mA
- · Operating voltage: 12VDC
- Dimensions: 1.Ž"L x 0.92" Dia.
- · Air leakage: 4psi, 1c.c./min. max.
- 0.250" quick disconnect terminals
- Operational temp.: -29°C to 85°C

Part No.	Description 1	10	100
169835	Solenoid valve ₹ \$9.95	\$8.95	\$7.95

12VDC Power Solenoid

- 12VDC 4Ω coil
- · Handles a 225A load
- · Intermittent 50% duty cycle
- 1/4-20 copper studs
- · Contractors power solenoid
- 2.25" mounting centers
- Size: 1.86" x 3" base

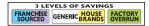
Part No. Product No. 1585645 93285



* Web Code: MEJ

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*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



* Web Code: MEJ

Solenoids, Binary & Miniature Basic Switches





Open frame type dimensions: L" x W" x H"

JAMECO ValuePro

* Dual shaft

Binary Coded Decimal (BCD) Switches

Contact resistance: 100mΩ max.

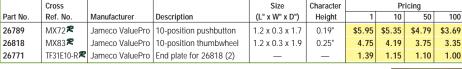
· Continuous load: 1 amp max.

Fig. 3

• Front snap-tab mounting w/ end plates



Fig.1





OMRON Honeywell

3 terminals: common; normally open; normally closed

Size: 1.10"L x 0.40"W x 0.63"H

Miniature Bas	sic Swit

Fig. 2



Fig. 4





Fig. 6

* Web Code: QAD

1					r contact		Service Life			rricing	
Part No.	Manufacturer	Mfr. Part No.	Actuator Type	Fig.	ig. Form Contact Rating (M		(Mech./Elec.)	Terminal Type	1	10	100
1945268	Zippy	VM-5	Long lever (2.00"L)	1	SPST	5A @ 125/250VAC	10M/1M	0.187" quick connect	\$1.19	\$.99	\$.75
187792	Omron	V-10G2-1C24K ₹	Hinge lever (1.08"L)	2	SPDT-NC	0.1A @ 125VAC, 10A @ 250VAC	50M/300k	0.183" quick connect	2.55	2.35	2.09
187805	Omron	V-10G3-1C24K ₹	Long hinge lever (2.01"L)	3	SPDT-NC	0.1A @ 125VAC, 10A @ 250VAC	50M/300k	0.183" quick connect	2.89	2.60	2.40
2076279	Honeywell	V3L-1465-D8	Lever actuator	4	SPDT	4A @ 125VAC	50M/300k	0.183" quick connect	1.59	1.35	1.09
2076244	Honeywell	V3-23-D8	Pin plunger	5	SPDT	5A @ 125VAC	50M/300k	0.183" quick connect	1.49	1.25	.99
617844	GC Electronics	35-880	Lever actuator	5	SPDT	10A @ 125VAC	10M/100k	0.187" quick connect	5.15	4.89	4.66
159572	Highly Electric	VS10N051C	Hinge roller (0.60"L)	6	SPDT-NC	10A @ 125VAC, 10A @ 250VAC	10M/100k	0.250" quick connect	3.09	2.89	2.55
159581	Highly Electric	VS10N021C2	Hinge lever (1.05"L)	2	SPDT-NC	10A @ 125VAC, 10A @ 250VAC	10M/100k	0.183" quick connect	2.75	2.45	2.09
1917267	Honeywell	V7-2B17D8-201 ≉	Roller lever	6	SPDT	11A @ 125/250/277VAC	50M/300k	0.187" quick connect	3.29	3.06	2.85
1917099	Honeywell	V7-1C17D8 ₹	Pin plunger	5	SPDT	15.1A @ 125/250/277VAC	50M/300k	0.183" quick connect	2.75	2.47	2.35

■ JVP = Jameco ValuePro | LEX= LEDEX |

→ Manufacturer Varies

This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version.



Subminiature Basic & Pushbutton Switches

Mountain Cak

JAMECO ValuePro



OMRON

Alcoswitch

Subminiature Basic Switches

- · Economical, subminiature basic switch offers long service life
- Lead spacing: A = 0.35"; B= 0.29"

JAMECO ValuePro

· Free from overtravel restrictions, permits easy setting

Dimensions: 0.78"L x 0.25"W x 0.40"H





* Web Code: UBU



							•	•			
					Contact		Service Life				Pricing
Part No.	Manufacturer	Product No.	Fig.	Actuator Type	Form	Contact Rating	(Mech./Elec.)	Terminal Type	1	25	50
187709	Omron	SS-5GL 🕿	1	Hinge lever (0.6"L)	SPDT-NC	5A @ 125VAC, 3A @ 250VAC	30M/200k	Solder	\$1.59	\$1.39	\$1.23
187733	Omron	SS-5GL2 🗷	2	Hinge roller (0.6"L)	SPDT-NC	5A @ 125VAC, 3A @ 250VAC	30M/200k	Solder	1.38	1.17	1.04
188867	Omron	D2F-LR ₹	3	Hinge lever	SPDT-NC	3A @ 125VAC, 2A @ 30VDC	1M/30k	Solder	1.05	.96	.92
159599	Highly Electric	SS0505A	2	Hinge roller (0.7"L)	SPDT-NC	5A @ 125VAC 3A @ 250VAC	30M/200k	Solder	1.39	1 29	1 09

Pushbutton Switches

A B

* Web Code: MBE

Fig. 1 Fig. 2 Fig. 3			SD Fig	.4 F	ig. 5	Fig. 6	b	w D Fig. 7	D L Fig	J. 8	B	9 . 9	L D Fi	 ig. 10		
Fig. 11 F		Fig. 12	Fig.	13	Fig. 14	Fig. 15	Fig. 16	Fig	. 17	Fig. 18	Fig. 19	Fig. 2	9	Fig. 21	Fig	1. 22
					Mounting	Туре	Dimensions	Lead S				Button		Pric		
Part No.	Manufacturer	Product No.	Fig.	Pins	Hole Dia.	() Momentary	(L" x W" x D")	A"	В"	Contact Rating	Terminal Type	Color	1	10	100	500
315432	Jameco ValuePro	_	1	2	.480"	SPST off-(on)	1.13 (D) x 1.53 (E)	.20	-	3A @ 125VAC		Red	\$1.37	\$1.23	\$1.05	\$.84
315441	Jameco ValuePro	R13-23A-B⊕	1	2*	.480"	SPST off-(on)	1.13(D) x 1.53 (E)	.20		3A @ 125VAC	Solder	Black	1.09	.99	.79	.75
315492	Jameco ValuePro	R13-23B-B ₹	1	2	.480"	SPST off-on	1.13 (D) x 1.53 (E)	.20	—	3A @ 125VAC	Solder	Black	1.36	1.21	1.04	.95
315484	Jameco ValuePro	R13-23B-R ₹	1	2	.480"	SPST off-on	1.13 (D) x 1.53 (E)	.20	_	3A @ 125VAC	Solder	Red	1.36	1.21	1.04	.95
315599	Jameco ValuePro	R13-40A-R ₹	2	2	.480"	SPST off-(on)	.98 (D) x 1.56 (E)	.20	—	3A @ 125VAC	Solder	Red	1.35	1.23	1.10	.99
26623	Jameco ValuePro	MS102 ₹	3	2	1/4"	SPST off-(on)	.65 (D) x 1.10 (E)	_	.14	3A @ 125VAC	Solder lugs	Red	.66	.60	.54	.42
26649	Jameco ValuePro	MS103	3	2	1/4"	SPST on-(off)	.65 (D) x 1.10 (E)	_	.17	3A @ 125VAC	Solder lugs	Black	.70	.62	.52	.42
315643	Jameco ValuePro	R13-81-R	4	2	13/64"	SPST off-(on)	.44 (D) x .78 (E)	.08	_	.5A @ 125VAC	PC terminal	Red	1.49	1.33	1.23	1.10
164566	Mountain Switch	MS402R	4	2	11/64"	SPST off-(on)	.73 (L) x .22 (D)	.078"	_	.5A @ 125VAC	Solder	Red	1.29	1.26	1.23	1.18
202999	Various	BB16	5	3	1/4"	SPDT on-on	.39 x .35 x .35	.18	.10	.1A @ 28VAC	Solder right angle	White	.99	.89	.75	.59
71643	Jameco ValuePro	SWB210 ₹	6	2	7/32"	SPST off-(on)	.36 x .20 x .33	.20	.20	1A @ 120VAC	PC right angle	Black	2.79	2.45	2.29	1.99
72645	Alco Switch	TPC11FGRA2	6	3	13/64"	SPDT off-(on)	.32 (L) x .26 x .37	.20	.20	1A @ 125VAC	PC right angle	Red	1.95	1.75	1.49	1.25
121305	Jameco ValuePro	GPB006-WH ≈	7	3	1/4"	SPDT on-(on)	.52 x .27 x .38	_	.185	1A @ 120VAC	Solder lugs	White	3.59	3.25	2.95	2.65
28063	Jameco ValuePro	PB126 ₹	7	3	1/4"	SPDT on-(on)	.52 x .28 x .38	_	.185	5A @ 120VAC	Solder lugs	Red	3.69	3.35	2.99	2.69

.67 (L) x .31 (D)

.50 x .27 x .37

.65 x .52 x .40

.65 x .52 x .40

.82 (L) x .46 (D)

1.20 (L) x .87 (D)

.82 x .69 x .46

.36 x .32 x .34

1.2 (L) x .59 (D)

1.2 (L) x .59 (D)

1.2 (L) x .60(Sq)

.88 (L) x .46 (D)

1.1 (L) x .31 (D)

.63 (L) x .66 (D)

1.1 (L) x .59 (D)

.38 x .20 x .10

.98 (L) x 1.56 (E)

1.7 x 1.2

.167

.14

.25

.25

.19"

.19"

37"

0.20 0.16

.175

.175"

.160"

.220

175"

.275"

213

.100"

185

200"

3A @ 125VAC

5A @ 125VAC

2A @ 14VDC

2A @ 14VDC

.2A @ 250VAC

.2A @ 250VAC

.2A @ 48VDC

1A @ 120VAC

3A @ 125VAC

3A @ 125VAC

3A @ 125VAC

1A @ 125VAC

.5A @ 125VAC

3A @ 110VAC

1A @ 125VAC

6A @ 125VAC

3A @ 125VAC

.05A @ 24VDC

Solder lugs

5" Pigtail

5" Pigtail

Solder

Solder

Screw

Solder

Solder

Solder

Solder

Solder

Solder

Solder

Solder lugs

Solder terminal

Solder terminal

Solder lugs

Solder, right angle

Red

Red

White

Red

Black

Red

Silver

Black

Red

Red

Red

Black

Red

Red

Black

White

Black

Black

.79

1.49

1.05

1.05

14.55

20.85

13.95

11.99

2.35

3.05

2.29

2.05

1 75

1.25

3.29

2.99

1 35

.35

.78

1.35

.98

.91

12.26

16.67

12.95

10.99

2.30

2.51

2.19

1.96

1.59

1.20

2.75

2.49

1.22

.29

.77

1.19

.93

.81

11.10

14.58

11.95

10.49

2.28

2.30

2.09

1.88

1.45

1.13

2.49

.15

2.29

1.13

.74

99

.88

.73

9.49

13.85

10.95

10.19

2.17

2.05

1.99

1.80

1.35

1.09

2.42

1.99

1.05

.13

Jameco ValuePro R13-510A

Mountain Switch | DS450R

Mountain Switch DS463R

Mountain Switch | 1DS466R

Mountain Switch | DS016B

Mountain Switch DS412R

Mountain Switch | NS801M0

Jameco ValuePro PA102A1-B⊕

Jameco ValuePro R13-40A-B

Mountain Switch | MS3120R 2

PS11-123

IPR3SAD2 🕿

AV191003C900

MPS1SPSTBLWH

TP21SHZQE

IPC3SAD6

J1881

J1882

Eaton Corp.

Judco

Judco

Apem

Apem

Apem

C&K

Arctic

8 2

9 3

10 2

10 2*

11 2

12 2

13 | 2

14

15 | 2

15 2

6 2

17

18 2

19 2

20 2

21 2

22 2

3

2

1/2"

1/4"

3/8"

3/8"

1/2"

1/2"

3/4"

11/64

13/32

13/32"

13/32

15/32

17/64

47/64

.492"

.250

480'

SPST off-(on)

SPDT on-(on)

SPST on-off, Alt1

SPST off-(on)

SPST off-(on)

SPST off-(on)

SPST off-(on)

DPST (off)

SPST off-on

SPST off-(on)

SPST off-(on)

SPST off-(on)

SPST off-(on)

SPST off-(on)

SPST off-(on)

SPST (on/off)

SPDT on-(off)

SPST off-(on)

174414

154878

22200

22218

171758

171766

171774

596633

164494

164486

164523

164582

164639

106112

164671

172700

315379

315580

Our enhanced website offers over a hundred thousand data sheets and photos to assist you in finding the products you need.



Miscellanous, Slide, Rocker & Toggle Switches

FRANCHISE SOURCED GENERIC HOUSE FACTORY OVERRUN

NO (normally open)

Contact form: SPST

500mA @ 100VDC

Part No. Product No.

1951342: 1A @ 220VDC

· Two mounting flanges

Phenolic insulated

6/6 nylon plastic housing

Cord-Switch®

· Maximum cable diameter: .375" · Plastic insulation

 Copper 	alloy plated h	ousing and switch	bushing
Part No	Mfr Part No.	Tyne () momentary	Rutton (

Part No.	Mfr. Part No.	Type () momentary	Button Color	1	10	25
297502	ED903 ₹	SPDT off(on)	Red 5	\$16.15	\$11.57	\$11.33

Web Code: UBB

100 1000

· Top actuation

Nylon actual

General Purpose Snap-Action Switch

· Contact form: SPDT Terminal: 0.250" QC

Part No.	Mfr. Part No.
617001	35-461₽

· Actuator: plunger

15A @ 480VAC

* Web Code: GPS **②** Blue Part No. = Limited Quantity Available **Current Rating**



100

\$4.80

Switch Grab Bags

18235: 50 pcs. assorted - toggle, pushbutton, rocker and slide switches

135378: 150 pcs. assorted - toggle, pushbutton, rocker & slide switches

P 44 01 11 10 0		01140 0111101100	10	233
Part No.	Product No.	Wt. (lbs.)	1	10
18235	GB165	0.4	\$8.95	\$7.95
135378	GB165LB	1.0	19.95	17.95

Magnetic Reed Switches

Size (L"xD")

1951342

Switch Assortment Kit

Includes:

· 20-drawer component cabinet (319600), 20 clear plastic drawers (319601), 20 clear dividers (319611), pg 155 and 30 adhesive labels for drawers to identify parts in kit

* Web Code: CSH

10 ea. miniature toggle switches (76523, 21936, 21910, 26332,

- 26315, 21979, 21952, 26367, 26358), pg 85
- 10 ea. slide switches (109171), below
- 10 ea. pushbutton switches (26623, 26649), pg 83
- 10 ea. DIP switches (38818, pg 86; 38843, web)
- 10 ea. tactile switches (153252), pg 86

171872	MKA14103 ≈	0.53 x 0.1 \$.85	\$.65	\$.49 \$.45	Part No.	Description	Wt. (lbs.)	1	10
1951342	MKC-27103	2.24 x 0.1 1.79	1.69	1.59 1.49	85059	150 pcs. switch kit	5.0 \$119	.95	\$109.95

Inline Cord Switch · Contact form: SPST on-off · Contact rating: 6A @ 20VDC · Terminal: solder

· Black plastic body Part No. Product No. 621270 35-1851 \$5.25 \$5.00



- · SPST NC (Normally-Closed)
- Operational life: 100,000 cycles
- Contact resistance: 50M Ohm or less
- Temp: 75°C (167°F) Contact current: 5A · Contact voltage: 120V 1.64"L leads
- · PCB mount · UL/CSA approved









Slide Switches











* Order in multiples of 10 Pricina

						Dimensions	Dimensions Lead Spacing		ead Spacing Contact Rating F		ead Spacing Contact Rating Housing Lead		Actuator	tor F		cing	
Part No.	®Mfr.	Product No.	Fig.	Pins	Туре	L" x W" x D"	A"	В"	(A @ VAC)	Material	Length	Height	1	10	100	250	
109171	JVP	G4050X-R ≉	1	3	SPDT on-on	.22"L x .45"W x .23"D	_	.12	0.5A @ 50VDC	Plastic	.17"	.15"	\$.35	\$.29	\$.25	\$.19	
204142	C&K	4102021MLOY	2	3	SPDT on-on	.77"L x .40"W x .37"D	_	.19	2.0A @ 28VDC	Plastic	.19"	.17"	*	.19	.15	.12	
202770	+	74650-009	3	6	SPDT on-on	.35"L x .70"W x .30"D	.17	.20	0.1A @ 30VDC	Plastic	.16"	.32"	*	.19	.15	.12	
2076210	CWI	GF126-1093	4	6	DPDT on-on	1.00"L x .41"W x .30"D	.19	.29	0.5A @ 125VDC	Metal	.25"	.20"	.69	.59	.45	.35	
161817	JVP	MS-306-R ≉	4	6	SPDT on-on	.35"L x .14"W x .14"D	.10	.10	0.3A @ 6VDC	Plastic	.14"	.08"	.59	.49	.39	.29	
621325	GCE	35-202-BU	4	3	SPDT on-on	.44"L x .22"W x .18"D	.14		0.3A @ 30VAC	Metal	.14"	.16"	1.49	1.45	1.35	1.30	
	Declar Cuitabas																















* Web Code: VBU

1945241

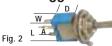
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					Contact Rating	Rocker	Terminal	Mounting	Lead	Space	Dimensions		Pricing	
Part No.	●Mfr.	Product No.	Pins	Туре	(A@VAC)	Color	Туре	Туре	A"	B"	(L"xW"xD")	1	10	100
316014	JVP	R13-66A-B-02	2	SPST on-off	16@125	Black	.187" quick connect	Panel mount	0.31	_	.83 x .59 x .63	\$.99	\$.86	\$.56
316022	JVP	R13-66A-R-02	2	SPST on-off	16@125	Red	.187" quick connect	Panel mount	0.31	_	.83 x .59 x .63	.99	.84	.56
316111	JVP	R13-73A2-B-02	4	DPST on-off	10@125	Black	.187" quick connect	Panel mount	0.20	0.34	.83 x .59 x .68	1.79	1.65	1.45
1945276	PR0	BR-12A-55S	2	SPST on-off	10@125; 5@250	Lt. gray	5.5" wire leads	Panel mount	0.31	_	.83 x .59 x .59	.49	.39	.29
1945284	PR0	R13-66	3	SPST on-off	10@125; 6@250	Dk. gray	5.5" wire leads	Panel mount	0.31	_	.83 x .59 x .55	.39	.29	.25
617473	GCE	35-695	3	SPDT (on)-off-(on)	16@125	Black	.250" quick connect	Panel mount	0.34	0.56	.93 x .43 x .62	4.25	3.64	2.73
1945241	ITW	163-099-029	3	SPDT	12@250	Black	.250" quick connect	Panel mount	0.26	0.26	1.2 x .55 x .59	.39	.29	.19

- · Mounting hole diameter: 7/32"
- Pre-tinned leads
 Metal construction

Includes: Mounting hardware











						Dimensions	Lead S	pacing			Lever		Pri	cing	
Part No.	*Manufacturer	Product No.	Fig.	Pins	Туре	L" x W" x D"	A"	B"	Contact Rating	Lead Type	Туре	1	10	100	500
106067	JVP	SWP124 ⊕	1	3	SPDT on-on	.25 x .33 x .40	.20	.10	30mA @ 5VDC	PC right angle	Round	\$1.95	\$1.75	\$1.49	\$1.25
567752	FUJ	AT1D-6M3	1	3	SPDT on-on	.37 x .22 x .33	.10	_	50mA @ 48VDC/VAC	PC right angle	Round	1.25	1.09	.99	.79
72161	JVP	SW1501 ₹	2	2	SPST on-off	.33 x .21 x .33	.10	_	1.5A @ 250VAC	Solder lugs	Round	1.31	1.29	1.25	1.20
75969	JVP	SWM136	2	3	SPDT on-on	.33 x .21 x .33	.10	_	3A @ 125VAC	Solder lugs	Round	1.69	1.52	1.29	1.04
138907	JVP	SW1503	3	6	DPDT on-off-on	.36 x .37 x .33	.17	.10	3A @ 120VAC	Solder lugs	Round	1.55	1.40	1.19	.95
75977	JVP	SWM137	3	6	DPDT on-on	.33 x .37 x .33	.17	.10	1.5A @ 250VAC	Solder lugs	Round	1.49	1.45	1.35	1.17
1585493	C&K	ET012D1AVBE	4	3	SPDT on-on	.32 x .20 x .18	.10	_	20mA @ 20VDC/VAC	PC right angle	Round	.99	.89	.65	.55
2076228	C&K (sealed)	ET05J6ABE	1	3	SPDT (on)-off-(on)	.32 x .32 x .20	.20	.08	4A @ 20VDC/VAC	PC right angle	Round	.99	.75	.59	.49
72557	JVP	GTS304	2	3	SPDT (on)-off-(on)	.32 x .20 x .28	.10		1.5A @ 250VAC	Solder lugs	Round	1.35	1.25	1.05	.85

CWI = CW Industries FUJ = Fujisoko GCE = GC Electronics JVP = Jameco ValuePro ITW = Illinois Tool

RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version.



Standard & Miniature Toggle Switches



NEW



JAMECO Value Pro

OMRON

JAMECO ValuePro

Medium duty

91 21 **27** 22

· Mounting hole diameter: 1/2"

★ Web Code: NAJ

Panasonic







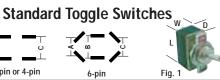






Fig. 5

	_		_				_									
						Dimensions	Lea	d Spa	cing	Contact Rating		Lever		Pric	ing	
Part No.	®Mfr.	Product No.	Fig.	Pins	Туре	(L" x W" x D")	A"	В"	C"	(A @ VAC)	Lead Type	Туре	1	10	100	500
76241	JVP	SWM128	1	2	SPST on-off	1.00 x .56 x .52	.23	_	_	4 @ 125 & 2 @ 250	Solder lugs	Round	\$1.79	\$1.61	\$1.37	\$1.10
76232	JVP	SWM125	2	2	SPST on-off	1.00 x .53 x .51	.23		_	6 @ 125 & 3 @ 250	6" lead wire	Round	2.25	2.00	1.86	1.68
317825	JVP	R13-25A2-01	3	2	SPST on-off	1.14 x .59 x .62	.38	.38	_	10 @ 125 & 6 @ 250	.250" quick connect	Metal	2.49	2.24	1.95	1.75
318002	JVP	R13-28A-01	3	2	SPST on-off	1.33 x .75 x .75	.45	.61	.45	15 @ 125 & 10 @ 250	.250" quick connect	Round	2.65	2.39	2.15	1.71
317931	JVP	R13-25D1-05₹	2	3	SPDT on-off-on	1.14 x .60 x .62	.34	.34	_	10 @ 125 & 6 @ 250	Solder lugs	Paddle	1.49	1.25	.99	.75
318123	JVP	R13-28D-01	3	3	SPDT on-off-on	1.33 x .75 x .75	.45	.61	.45	15 @ 125 & 10 @ 250	.250" quick connect	Round	2.49	2.25	1.95	1.75
318141	JVP	R13-28D-06 ₹	3	3	SPDT on-off-on	1.33 x .75 x .75	.45	.61	.45	15 @ 125 & 10 @ 250	M3 Screw	Round	3.79	3.20	3.02	2.47
158060	JVP	JKN32	1	4	SPDT on-off	1.00 x .56 x .52	.23		.23	4 @ 125 & 2 @ 250	Solder lugs	Round	1.38	1.26	1.07	.79
76259	JVP	M126⊕	1	6	DPDT on-on	1.10 x .77 x .56	.26	.59	.26	5 @ 125 & 3 @ 250	Solder lugs	Round	1.75	1.55	1.35	1.10
317850	JVP	R13-25B1-05	1	6	DPDT on-on	1.14 x .79 x .62	.40	.40	.40	10 @ 125 & 6 @ 250	Solder lugs	Paddle	1.95	1.75	1.49	1.25
317973	JVP	R13-25E1-05 ₹	1	6	DPDT on-on	1.14 x .59 x .62	.38	.38	_	10 @ 125 & 6 @ 250	Solder	Plastic	3.75	3.35	2.60	2.35
76260	JVP	SWM126	1	6	DPDT on-on	1.12 x .77 x .60	.30	.60	.40	5 @ 125 & 3 @ 250	Solder lugs	Round	1.75	1.59	1.45	1.29
567761	+	SWM127	3	6	DPDT on-off-on	1.18 x .77 x .75	.40	.60	.40	10 @ 125 & 5 @ 250	M3 Screw	Round	3.95	3.39	2.49	2.19
158078	JVP	JKN3CC	1	6	DPDT on-on	1.19 x .76 x .73	.44	.59	.44	10 @ 125 & 6 @ 250	Screw lugs	Round	1.28	1.15	1.05	.93
318043	JVP	R13-28B-01	3	6	DPDT on-on	1.33 x .75 x .75	.45	.61	.45	15 @ 125 & 10 @ 250	.250" quick connect	Round	4.95	4.29	3.85	3.55
318052	JVP	R13-28B-05	3	6	DPDT on-on	1.33 x .75 x .75	.45	.61	.45	15 @ 125 & 10 @ 250	Solder	Round	3.85	3.45	2.69	2.39
621579	GCE	35-3035 €	4	2	SPST on-off	.89 x .55 x .34	.38	.38	_	15 @ 115 & 6 @ 230	Screw	Round	2.95	2.75	2.56	2.49
1817400	MSH	2TL1-1 ₹ ♠	5	6	DP3T off	1.34 x .91 x 1.35	.38	.38	_	15 @ 115 & 6 @ 230	Screw	Round	22.49	17.60	17.51	17.36

Blue Part No. = Limited Quantity Available

JAMECO ValuePro · Mounting hole diameter: 1/4"





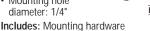




Fig. 2





Fig. 5



Dimensions Lead Spacing Contact Rating Lever Pricing Product No Fig. () Momentary 100 500 Part No Mfr Pins (L" x W" x D") (A @ VAC) Lead Type 1 10 Type 76523 IMT113 IVP 1 SPST on-off .52 x .32 x .38 185 6@125&3@250 Solder luas Round \$1.38 \$1 24 \$1.12 \$ 90 21936 JVP JMT123 .52 x .32 x .38 3 SPDT on-on 185 6@125&3@250 Solder lugs Round 1.55 1.23 1.09 .85 21910 IVP IMT121 SPDT on-off-on 52 x 32 x 38 185 6@125 & 3@250 1.35 1 25 95 3 Solder luas Round 1.09 22832 LFH123⊕ 2 3 SPDT on-on .52 x .28 x .36 185 6@125&3@250 Round 1.25 1.09 .99 79 Solder luas 567744 C&K 7105 2 3 DPDT (on)-off-(on) .50 x .27 x .35 185 5@125 PC straight Round 1.25 1.09 .99 .79 SWM132 75854 JVP 3 .52 x .32 x .38 185 6@125&3@250 1.55 1.25 1 SPDT on-on Solder luas Round 1.40 1.13 75889 JVP SWM129 3 SPDT (on)-off-(on) .52 x .32 x .38 185 6@125&3@250 Solder luas Round 1.49 1.25 1.09 .99 26331 MPC123 ⊕ 3 SPDT on-on .52 x .32 x .37 6@125&3@250 1.25 185 PC straight Round 1.85 1.65 1.50 26315 JVP MPC121 SPDT on-off-on .52 x .32 x .37 185 6@125&3@250 1.29 1.15 3 PC straight Round 1.05 95 1585506 C&K 7201L1YZTME 6 DPDT on-on .50 x .45 x .35 135 5 @ 120 & 2 @ 250 Solder lugs Round 1.25 1.09 .85 69 71597 JVP SWM148 C 3 3 SPDT on-on .52 x .32 x .38 185 .20 6@125&3@250 PC right angle Round 1.19 1.09 .99 .79 2077044 JVP MTS-103AA 3 3 SPDT on-off-on .52 x .32 x .39 .149 .51 6@125&3@250 PC right angle 1.29 1.19 .99 .79 Round 202964 3 DPDT on-off-(on) .50 x .50 x .46 .15 150 .20 6@125&3@250 PC right angle Round 1.09 .89 .75 59 6 75871 JVP SWM145 4 3 SPDT on-on .52 x .32 x .38 185 .20 6@125&3@250 PC right angle Round 1.49 1.35 1.09 86 75900 JVP SWM133 DPDT on-on .52 x .52 x .38 .20 185 6@125&3@250 Solder luas Round 1.79 1.61 1.37 1.03 21952 JVP GTS114 5 DPDT on-off-on .52 x .52 x .38 6@125&3@250 6 .20 185 Round 1.55 1.37 1.17 .93 SWM130 6@125&3@250 75951 JVP 5 6 DPDT (on)-off-(on) .52 x .52 x .38 .20 185 Solder lugs Round 1.49 1.35 1.25 1.00 26358 JVP MPC221 5 6 DPDT on-off-on .52 x .52 x .38 .20 185 6@125&3@250 PC straight Round 1.95 1.76 1.50 1.20 JMT223 .52 x .52 x .38 6@125&3@250 1.49 1.29 .99 21979 JVP DPDT on-on .20 185 Solder luas Round 1.15 22841 JVP GTS164BLK 185 6@125&3@250 .88 6 DPDT (on)-off-(on) .52 x .52 x .38 .20 Solder lugs Flat 1.45 1.31 1.11 22859 JVP GTS172BLK DPDT on-on 185 6@125&3@250 Solder lugs .52 x .52 x .38 .20 Flat 1.55 1.43 1.26 1.14 26367 JVP GTS112-P 5 6 DPDT on-on .52 x .50 x .41 .20 .157 6 @ 125 & 3 @ 250 PCB Round 1.49 1.35 1.25 99 547436 ALC MTA306D 3PDT on-on 70 x .51 x .45 .19 19 6 @ 125 & 3 @ 250 10.95 9.95 8.95 7.95

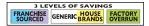
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Product requires 1-2 additional days to ship, Request 'ship partial' if you want other items to ship sooner (note separate shipping charges will apply). Minimum order quantity & prices are subject to change

* ALC = AlcoSwitch | C&K = C&K Switch | GCE = GC Electronics | JVP = Jameco ValuePro | MSH = Microswitch/Honeywell | * Manufacturer Varies



Tactile, DIP & Specialty Switches



Tactile Switches Bounce time: 10 msec. SPST momentary ON Lead type: PC • Contact resistance: $100m\Omega$

Fig. 4

Fig. 3

						Di	mensi	ons (i	n.)	Lead S	pacing	Contact Rating	Button		Pricing	
Part	No.	Mfr.	Product No.	Fig.	Pins	L	W	D	С	A"	В"	(mA @ VDC)	Color	1	10	100
1586	5074	PAN	EVQ-PAG04K	2	4	.24	.24	.14	.05	.17	.26	20 @ 12	Black	\$.29	\$.25	\$.19
1997	726	PAN	EVQ11A04M	7	2	.24	.24	.14	.30	.20	_	20 @ 15	White	.35	.29	.25
1190	011	JVP	KTIIBICM ?	2	4	.24	.24	.15	.30	.17	.25	20 @ 15	Black	.29	.25	.19
1499	948	JVP	KT11P4CM⊕	3	4	.24	.24	.15	.13	.17	.25	20 @ 15	Black	.29	.25	.19
1229	973	JVP	DTS1212 ₹	1	4	.47	.47	.18	_	.20	.50	20 @ 15	Black	.35	.29	.25
2076	5236	PAN	EVQPHP03T	9	4	.24	.24	.10	.02	.15	.26	20 @ 15	Brown	.35	.29	.25
1552	249	JVP	KRS-3550-BK ₹	4	2	.24	.14	.15	—	_	.27	50 @ 12	Black	.35	.29	.25
1552	256	+	KRS-3550-WH	4	2	.24	.14	.15	.03	_	.26	50 @ 12	White	.35	.29	.25
1532	252	JVP	SDT620K ₹	2	4	.24	.24	.15	.06	.17	.25	50 @ 12	Black	.29	.25	.19
1553	380	JVP	KRS-1273B ₹ *	5	4	.47	.47	.14	.14	.17	.53	50 @ 12	Brown	.39	.35	.29
1532	251	ESW	TL1105-A⊕	2	4	.24	.24	.15	.06	.17	.25	50 @ 12	Black	.29	.25	.19
1628	386	OMR	B3F-1000 ₹	2	4	.24	.24	.13	.03	.17	.25	50 @ 24	White	.29	.25	.19
1953	3575	OMR	B3F-3122	6	4	.29	.29	.25	.06	.17	.28	50 @ 24	Gray	.29	.25	.19
2076	5261	OMR	B3E-1100-Red*	8	4	.24	.24	.19	.07	.17	.25	50 @ 24	Red	.49	.39	.29
2076	5287	OMR	B3E-1300-Green*	8	4	.24	.24	.19	.07	.17	.25	50 @ 24	Green	.49	.39	.29
2076	5252	ITT	KSC121JB	9	4	.24	.24	.10	_	.15	.26	50 @ 32	Gray	.25	.19	.15
2076	5148	+	KFC-A12-A	2	4	.47	.47	.15	.08	.17	.50	100 @ 50	Black	.39	.35	.29

Fig. 5

Tactile Switch Caps







Order in multiples of 10

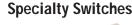
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Fig. 7

Fig. 8

Fig. 6

Mfr Cross Ref. No. Material For Use With 10 100 250 Description Size (in.) KRS-CAP-AR Plastic 155389 47"L x .47"W x .16"H P/N 155380 \$.11 Square \$.15 \$.13 KRS-CAP-B₹ 155409 Round .50"Dia. x .25"H P/N 155380 .13









Pull Chain Switch • Current rating: 6A @ 20VAC/VDC; 3A @ 120VAC

Part No.	Product No.	Contact Form	Actuator	Terminal Type	1	10	100
617764	35-864	SPST on-off	3 1/2" pull chain	6" wires	\$2.95	\$2.75	\$2.49

Magnetic Proximity • Current rating: 0.5A @ 20VAC/VDC; 0.08A @ 120VAC

U	,	•						
617529	35-752	SPDT NO/NC	Use magnet	Leaded SD	\$4.95	\$4.49	\$3.95	
617545	35-756	SPDT NO/NC w/o magnet	Need magnet	Screw term., 1/4" gap, surface mount	6.95	6.25	5.59	

Knife Switches • Current rating: 0.5A @ 6VDC • Mounting hole: 3.4mm

617490	35-730	DPDT on-off-on	Plastic handle	Screw terminal	\$5.95	\$5.35	\$4.79
--------	--------	----------------	----------------	----------------	--------	--------	--------

SMT Low Profile DIP Switches

- Insulation resistance: $1000M\Omega$ (min.) across open switch & between adjacent closed switch
- Contact resistance: 100mΩ initial Bottom seal/top tape seal Low-profile
- · Dielectric strength: 300VAC for 1 min. · Non-switching rating: 100mA or 50VDC max. Gold plated beryllium copper contacts, gold flash coated terminals · Length: 0.246"

Part No. Manufacturer Product No. **Positions** 10 \$.39 2076199 Grayhill 90HBI04SR 4 \$.25 546759 Various 3-435668 5 .45 .29 1945022 SMT-6PDS Various .39

Greater Savings Online

Find a large selection of price saving generic brands, house brands and factory overruns.

Standard, Low Profile, Piano & Right Angle DIP Switches







* Web Code: QBF

* Order in multiples of 10

(Standard)

696802 (Piano Style)

696950 (Standard)

696968 (Standard)







*Web Code: UCY

- (Standard)
- · Switch contacts: SPST Standard switches have raised lever
- LP switches flush to casing (low profile)

Compatible Socket Chart, see page 72 for Sockets

(Standard)

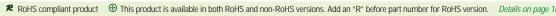
Switch	Socket	Switch	Socket	Switch	Socket
2-position	112193	6-position	112214	9-position	112231
3-position	112193	7-position	112214	10-position	38608
4-position	112206	8-position	112222	12-position	112282

						Pricing	
Part No.	Product No.	*Mfr.	*Type	Pos.	1	10	100
109057	206-2	+	1,5	2	\$.79	\$.69	\$.59
1951385	206-2LP	+	2,6	2	.69	.59	.49
2076156	SDAX-2RX-X	BNS	3,5	2	.79	.69	.59
109059	206-22	JVP	3,5	2	.89	.79	.69
206359	206-3	+	1,5	3	.79	.69	.59
202472	ADF03	ALC	2,5	3	.69	.59	.49
38818	206-4	+	1,5	4	.59	.55	.49
38820	206-42	JVP	1,5	4	.75	.65	.59
696888	76SB04ST ₹	GRY	1,7	4	1.09	.99	.89
696950	78B04ST ₹	GRY	1,5	4	1.15	1.05	.85
617908	35-964	GCE	1,5	4	1.25	1.09	.99
696802	76PSB04ST ₹	GRY	4,5	4	1.19	1.09	.99
206499	DPS804	FJT	2,4	4	.79	.69	.59
139002	206-4LP	+	2,5	4	.79	.69	.59
139003	206-4LP ₹	JVP	2,5	4	.99	.89	.79
2076164	SDAX-4RX-X	BNS	3,5	4	.69	.59	.49
2076181	SDAX-4RX-T	BNS	3,5	4	.79	.69	.59
38826	206-6	+	1,5	6	.89	.79	.69
38827	206-6	JVP	1,5	6	.99	.89	.79
2076201	A6D-6100LP	OMR	2,6	6	.79	.69	.59
2076674	206-6PS	+	4,5	6	.79	.69	.59
38834	206-7	+	1,5	7	.99	.89	.79
38842	206-8⊕	+	1,5	8	.79	.69	.59
1939562	4-435626-2	AMP	1,8	8	.89	.79	.69
696917	76SB08ST ₹	GRY	1,7	8	1.09	.99	.89
696968	78B08ST ₹	GRY	1,5	8	1.15	1.05	.99
617916	35-968	GCE	1,5	8	2.25	1.95	1.75
1951393	206-8LP	+	2,5	8	.79	.69	.59
139012	206-8LP 	JVP	2,6	8	.99	.89	.79
101857	206-92	+	1,5	9	1.09	.99	.85
38797	206-10	+	1,5	10	.89	.79	.69
38799	206-102	JVP	1,5	10	1.09	.99	.85
38801	206-12	JVP	1,5	12	1.09	.99	.85
206481	206-12PLP	AMP	1,4	12	1.09	.99	.85

1. Standard; 2. Low Profile; 3. Right Angle; 4. Piano Style; 5. Slide Raised; 6. Slide Flush; 7. Rocker Raised;

8 Rocker Flush

*ALC = Alcoswitch | AMP = AMP/Tyco | BNS = Bourns | ESW = E-Switch | FJT = Fujitsu | GCE = GC Elec. | GRY = Grayhill | ITT = ITT Cannon | JVP = Jameco VP | OMR = Omron | PAN = Panasonic |





IZI

五五五

* Web Code: XBA



Tri-State DIP Switch

- · Pre-tinned leads
- 8-position
- Two isolated buses
- · Switch contacts: bused, tri-state
- Labeled tri-state positions (+, 0, -)
- Contact rating: 24VDC @ 25mA
- Compatible socket, use P/N 37373, pg 72

Part No. Product No. 10 100 138992 ETA108E **₹** \$1.95 \$1.75 \$1.49 \$1.25

Rotary DIP Switches

- · Gold plated contacts to ensure reliable, low resistance connection
- · Fully sealed construction
- · Terminals: PC pin leads
- · Life: 10,000 cycles min.
- Max. switching load rating: 25mA @ 24VDC
- Op. force: 500g-cm max.
- Lead spacing: A = 0.1"; B = 0.3"
- Material: UL94V-0 grade
- Top adjustment

Size: .39"W x .39"D x .20"H

Part No.	Mfr. Part No.	Type	Positions	Price
139636	ERD110RS(DRD10) ₹	BCD	10	\$2.89
139652	ERD116RS ₹	HEX	16	2.95

Rotary Switches

- Contact rating: 30VDC @ 0.3A
- Insulation resistance: $10M\Omega$ min.
- Contact resistance: 30mΩ
- Lug size: 0.07" Mounting hole diameter: 3/8"
- · Material: solid brass bushings, slotted aluminum shafts, plated frame, phenolic contact wafer (except for P/N 101566 – plastic casing) Panel mount
- Make before break
 Solder lugs
 Layers: 1

Shaft size: 0.46"L x 0.25" Dia.; except P/N 101566 1.16"L x 0.25" Dia.

Includes: Washer and nut

Part No.	Product No.	Poles	Position 1	10	50
101532	G3SR026 🗷	1	12 \$1.29	\$1.10	\$.82
101574	G3SR022 ₹	2	6 1.35	1.15	.86
101566	G3SR023 🕿	3	4 1.95	1.59	1.25
101558	G3SR024 🕿	4	3 1.75	1.55	1.39

Quick and Easy Search

Our enhanced website offers over a hundred thousand data sheets and photos to assist you in finding the products you need.

12-Button Telephone Keypad

- 8-pin .100" header
- Contact rating: 12VDC @ 20mA
- Contact resistance: 200Ω max. Life test: 1,000,000
 - ★ Web Code: XBA cycles per key

Size: 2.8"L x 2.2"

Part No.	Description	1	10	100
190562	Numeric keypad ₹	\$7.95	\$7.25	\$5.95



* Web Code: DAM

16-Button Numeric Keypad

- · 8-position solder pad · Contact rating:
- EXCLUSIVE 24VDC @ 20mA Contact resistance: 200Ω max.
- · Life test: 1,000,000
- life cycles per key Size: 3.0"L x 2.8"W x 0.6"H

100 Part No. Description 10 169245 Numeric keypad **₹** \$9.95 \$8.95 \$7.95

16-Button Indoor/Outdoor Keypads

- · 9-pin .100" headers Compatible with MOS. TTL and DTL (10Ω max.)
- Contact rating:
- 24VDC @ 10mA resistive Fully sealed snap-dome contact
- Life test: 3,000,000 cycles per key
- Recommended connector: P/N
- 103191 header & P/N 100766 pin Size (housing):
- 152063 4.7"W x 1.7"H x 0.4"T Order in multiples of 10 Part No. Description 10 196171 2x8 matrix keypad \$16.95 152063 4x4 matrix keypad 14.95 13.49 11.95 103191 45 Header housing (10-pin) ₹ .42 100766 Header pin ₹ 16 .12

139636

* Web Code: UAX

Part No.

106650

105832

196649

SPST Round Keylock Switches

Length

0.55

1 48

1.48

- · Used in computer and other security systems
- Mounting hole = 0.75" except P/N 106650 = 0.5"

No. Flat, Dia.

2, 0.21"

2, 0.66"

2. 0.66

Key removable from 2 positions
 Two keys

196649: All keys are alike

Includes: Mounting nut

Cross Ref. No.

KS4B 🕿

KS3B 🕿

3313E-M **₹**





Barrel

0.25" quick conr

0.25" quick conr

*Web Code: RAN





	vonage/current		10	50	100
	125VAC/3A	\$4.55	\$4.09	\$3.55	\$3.09
nect	125VAC/6A	4.95	4.49	3.95	3.59
nect	125VAC/6A	4.95	4.49	3.95	3.59

General Purpose Power Relays

For complete specifications visit www.Jameco.com



















Part No.	Manufacturer	Product No.	Type	Rating	Contact Rating	Coil Resistance	Contact Type	1	10	50
454571	Omron	G7L-1A-TUB-CB-DC24	SPST-NO	24VDC @ 79mA	25A, 220VAC	303Ω	.250" quick connect	\$7.95	\$6.95	\$4.95
611928	P&B	T9AP1D52-48-03	SPST-NO	48VDC @ 21mA	30A, 240VAC	2304Ω	Quick connect: .187" for coil/.250" for contacts	4.19	3.95	3.76
137358	Jameco ValuePro	953-1C12DM-R ₹	SPDT	12VDC @ 77mA	20A, 240VAC/28VDC	155Ω	Quick connect: .110" for coil/.250" for contacts	2.99	2.90	2.75
552462	P&B	PRD-7AG0-120	DPST-NO	120VAC @ 85mA	30A, 240VAC	290Ω	Screw: #8-32 for main; #6-32 for contacts	23.48	22.32	21.20
183791	Master	GH-2C-12D	DPDT	12VDC @ 170mA	30A, 240VAC	70Ω	Screw down terminals	14.95	13.49	11.95

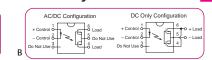
OptoMOS® Solid State Relays

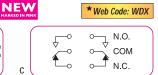












					Load Voltage	Current Handling	On- Resistance	Isolation Voltage	Input Control Current	Off-State Leakage	Switching Speed (on/off)		Pricing	
Part No.	Product No.	Package	Description	Fig.	(V)	(mA)	(ohms)	(Vrms)	(mA)	(μΑ)	(ms)	1	25	50
1582903	LAA110 🕿	DIP-8	Dual single pole, 1-Form-A	1A	350	120	35	3750	5	1	3/3	\$4.29	\$3.94	\$3.62
1582938	LAA120 🕿	DIP-8	Dual pole, 2-Form-A	1A	250	170	20	3750	5	1	5/5	5.09	4.25	3.19
1582946	LAA125S 🕿	DIP-8	Dual pole, 2-Form-A	1A	350	170	16	3750	5	1	5/5	3.65	3.27	2.95
1582954	LAA127 🕿	DIP-8	Dual pole, 2-Form-A	1A	250	200	10	3750	5	1	5/5	6.19	5.39	4.89
1582997	LCA110 2	DIP-6	Single pole, 1-Form-A	1A	350	120	35	3750	2	1	3/3	1.89	1.65	1.57
1583041	LCA710 🕿	DIP-6	Single pole, 1-Form-A	1B	60	1000	0.5	3750	10	1	2.5/0.25	5.19	4.56	4.16
1582911	LAA110P 🕿	Flatpack-8	Dual single pole, 1-Form-A	2C	350	120	35	3750	5	1	3/3	4.29	3.65	3.22

3 LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE OVERRUN

DC/AC and DC/DC Solid State Relays





















* Web Code: DBA

164996 (Fig. 1)

153059 (Fig. 2)

162342 (Fig. 3)

192815 (Fig. 4)

176698 (Fig. 5)

127790 (Fig. 6)

176736 (Fig. 7)

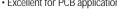
187004 (Fig. 8) 1630987 (Fig. 9)

		Control Contact Contact Terminal Aq					Agency	Size		Pricin	ng					
Part No.	Mfr.	Product No.	Voltage	Туре	Style	Voltage	Current		Fig.	Туре	Approval	L" x W" x H"	1	10	50	100
						Soli	d State	Relay	s DC	C/AC Type						
164988	Sharp	S101S02	1.2VDC@20mA	DC/AC	SPST	125VAC	1.5A	4	1	Solder Lead	UL/CSA	0.9 x .16 x .63	\$4.29	\$3.95	\$2.89	\$2.15
164996	Sharp	S202TA1	1.2VDC@20mA	DC/AC	SPST	200VAC	2.0A	4	1	Solder Lead	UL/CSA	0.9 x .16 x .63	7.29	5.82	5.10	3.82
153059	COSMO	KSD203AC2 ₹	4-32VDC	DC/AC	SPST	240VAC	3 A	4	2	Solder Lead	_	1.4 x 0.3 x 0.9	10.09	9.06	8.05	7.34
162342	Excel	ESR51024-010 2	3-32VDC	DC/AC	SPST	240VAC	10A	4	3	Screw Terminal	UL	1.7 x 1.1 x 2.3	19.15	17.27	15.55	13.99
186992	Omron	G3NA-210B-DC5-24	5-24VDC	DC/AC	SPST	240VAC	10A	4	8	Screw Terminal	UL/CSA	1.7 x 1.1 x 2.3	14.29	13.55	12.89	12.25
187004	Omron	G3NA-220B-DC5-24	5-24VDC	DC/AC	SPST	240VAC	20A	4	8	Screw Terminal	UL/CSA	1.7 x 1.1 x 2.3	22.45	20.20	17.95	16.15
162369	Excel	ESR51024-025 ₹	3-32VDC	DC/AC	SPST	240VAC	25A	4	3	Screw Terminal	UL	1.7 x 1.1 x 2.3	27.95	24.95	21.95	19.95
162406	Excel	ESR51024-040 ₹	3-32VDC	DC/AC	SPST	240VAC	40A	4	3	Screw Terminal	UL	1.7 x 1.1 x 2.3	27.59	24.85	22.45	20.19
192815	COSMO	KSD240AC8⊕	4-32VDC	DC/AC	SPST	250VAC	40A	4	4	Screw Terminal	_	1.8 x 0.6 x 2.3	24.09	21.64	19.48	17.54
175214	Kyoto	KB20C02A	3-32VDC	DC/AC	SPST	280VAC	2A	4	5	Solder Lead	CE	1.4 x 0.3 x 1.5	6.55	5.95	5.69	5.29
127790	Crydom	D2W202F	13-32VDC	DC/AC	SPST	280VAC	2A	4	6	Solder Lead	UL/CSA	1.7 x 0.4 x 1.3	9.95	9.49	8.95	8.25
176698	Kyoto	KB20C06A	3-32VDC	DC/AC	SPST	280VAC	6A	4	5	Solder Lead	CE	1.4 x 0.3 x 0.9	10.89	9.80	8.71	7.84
176719	Kyoto	KD20C40AX	3-32VDC	DC/AC	SPST	280VAC	40A	4	7	Screw Terminal	UL/CE	1.7 x 0.9 x 2.3	19.99	17.99	16.19	14.59
176736	Kyoto	KD20C75AX ₹	3-32VDC	DC/AC	SPST	280VAC	75A	4	7	Screw Terminal	UL/CE	1.7 x 0.9 x 2.3	39.95	35.99	32.39	29.15
						Solid	d State	Relay	s DC	C/DC Type						
172591	Kyoto	KF0602D	3-32VDC	DC/DC	SPST	60VDC	2A	4	5	Solder Lead	CE	1.4 x 0.3 x 0.9	\$11.95	\$10.74	\$9.54	\$8.34
175222	Kyoto	KF0604D	3-32VDC	DC/DC	SPST ¦	60VDC	4A	4	5	Solder Lead	CE	1.5 x 0.3 x 0.9	13.95	12.99	12.69	12.32
176648	Kyoto	KG1005D ≈	3-32VDC	DC/DC	SPST ¦	120VDC	5A	4	7	Screw Terminal	CE	2.3 x 1.7 x 0.9	27.95	25.16	22.36	19.95
176655	Kyoto	KG1010D	3-32VDC	DC/DC	SPST ¦	120VDC	10A	4	7	Screw Terminal	CE	2.3 x 1.7 x 0.9	29.99	26.99	24.29	21.89
1630987	Infineon	LH1500AAB ₹	_	DC/DC	SPST	350VDC	0.15A	6	9	SOIC-6	UL/CSA	.34 x .26 x .15	2.65	2.39	2.15	1.95



DIP Relays

* Web Code: QAN



• Logic control levels • Long life with reliable operation • Excellent for PCB applications • Compatible with IC sockets • Compact design/construction • Moisture resistant







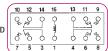








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С	0	5	8	8	
	1	4	6	8	١



				Contact	L COII I	COII	ı	Contact		Jameco	Size	Leaus	Pricing			
Part No.	Manufacturer	Product No.	Fig.	Form	Voltage I	Ohms	Contact Voltage	Current	Pins	Socket	L x W x H (in.)	A x B x C (in.)	1	10	50	100
106463	Excel	201A05 🕿	3A	SPST-NO	5VDC	500	100VDC	0.5A	8	37162	.78 x .25 x .20	.10 x .40 x .30	\$2.59	\$2.17	\$1.82	\$1.49
138431	Excel	2D1A05 ₹	3B	SPST-NO	5VDC	500	100VDC	0.5A	8	37162	.77 x .30 x .22	.10 x .40 x .30	2.75	2.46	1.98	1.49
173914	Aromat	DS2YE-S-DC5V	1C	DPDT	5VDC	125	125VAC/100VDC	0.5A/1.25A	8	37401	.79 x .38 x .44	.18 x .28 x .29	2.25	1.95	1.79	1.59
139977	Jameco ValuePro	RSB5S	1C	DPDT	5VDC	125	120VAC/30VDC	1A/2A	8	37373	.79 x .39 x .37	.20 x .40 x .30	2.49	2.25	1.95	1.75
2081414	Jameco ValuePro	KS2E-M-DC5	1C	DPDT	5VDC	128	125VAC/28VDC	1A/2A	8	37373	.83 x .40 x .48	.20 x .30 x .30	2.49	2.25	1.95	1.75
2081377	Jameco ValuePro	KS2E-M-DC12	1C	DPDT	12VDC	708	125VAC/28VDC	1A/2A	8	37373	.83 x .40 x .48	.20 x .30 x .30	2.49	2.25	1.95	1.75
99311	Aromat (NAIS)	DS2Y-S-DC12V 🕿	1C	DPDT	12VDC	720	110VAC/30VDC	0.3A/1A	8	37373	.79 x .40 x .43	.20 x .40 x .30	2.65	2.38	2.12	1.80
99901	Clare	LX200D00 ❖	1C	DPDT	12VDC	720	125VAC/100VDC	2A	8	37373	.79 x .40 x .30	.20 x .40 x .30	6.95	6.25	5.63	4.49
136549	Aromat	DS4E-M-DC5V	2D	4PDT	5VDC	62.5	125VAC/30VDC	0.6A/2A	14	112301	1.40 x .40 x .36	.20 x .30 x .30	5.95	5.35	4.79	4.25
176313	Aromat	DS4E-M-DC12V ₹	2D	4PDT	12VDC	360	125VAC/30VDC	0.6A/2A	14	112301	1.40 x .40 x .36	.20 x .30 x .30	6.79	6.35	6.11	5.49
2081406	Jameco ValuePro	KS2E-M-DC24	1C	DPDT	24VDC	1440	125VAC/28VDC	1A/2A	8	37373	.83 x .40 x .48	.20 x .30 x .30	2.49	2.25	1.95	1.75
- DI D II	Un I have been Occasi										·					

Potter & Brumfield Equivalent Plastic Enclosed Construction Relays

VF4 Type

Dielectric strength: 500VDC (between contact & coil)

Operating temperature: -35°C to +85°C

· Terminal type: quick connect

Normally open (NO), normally closed (NC)

Dimensions: 1.1"L x 1.1"W x 1.0"H





(Fig. 1)



171442	171433
(Fig. 2)	(Fig. 3)

-	-	
171	1433	
(Fi	r 3)	

		P&B Cross		Contact	Coil	Contact	Coil		Pricing					
Part No.	Product No.	Ref. No.	Fig.	Form	Ohms	Schematic	Voltage	Pins	1	10	50	100		
171460	LD1A-12F ₹	VF4-81F11S01	1	SPST-NO	78	1	14VDC	4	\$3.19	\$2.91	\$2.63	\$2.17		
171442	961A-1A12D 2*	VF4-11F11	2	SPST-NO	90	1	14VDC	4	2.89	2.59	2.49	2.45		
148583	LD12F 🕿	VF4-85F11	3	SPDT	78	2	12VDC	5	3.09	2.89	2.59	2.39		
171433	961A-1C-12DM ₹	VF4-81F11	3	SPDT	90	2	12VDC	5	3.19	2.99	2.69	2.35		

4-Pin Reed Type Relay

· Contact form: SPST-NO

· Coil voltage: 12VDC

· Operating temperature: -30°C to +60°C

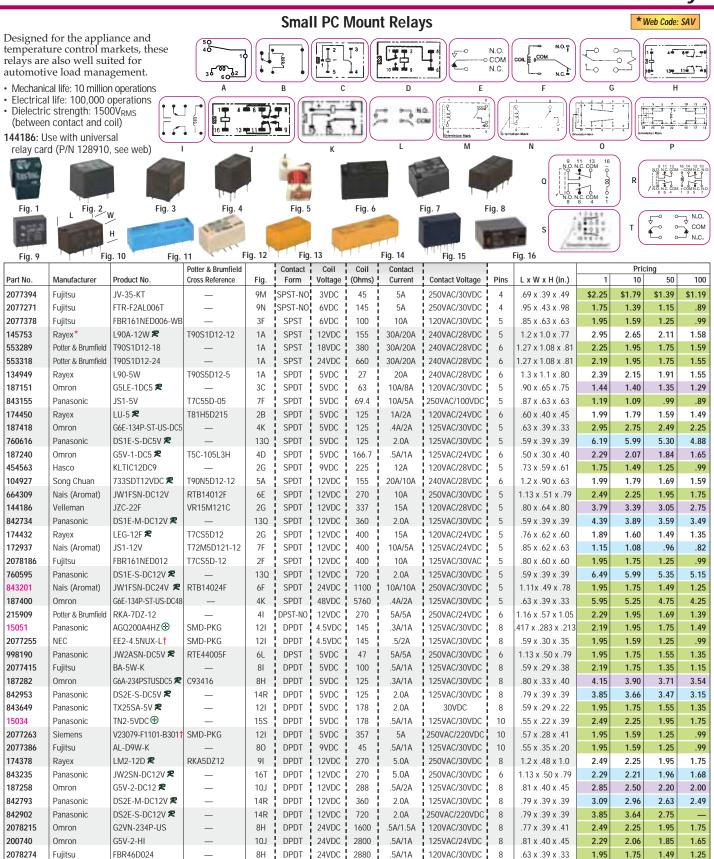
- · Terminal type: PCB solder Contact volt.: 120VAC/60VDC
- · Contact current: 0.1A
- · Dielectric strength: 1500VDC (between contact & coil)
- Coil: 1050Ω
- Dimensions: 1.0"L x .37"W x .38"H

Part No.	Product. No.	1	10	50	100
111448	BR-1050	\$1.95	\$1.75	\$1.49	\$1.25

RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.



NEV

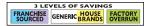


Manufacturer may vary † SMD Package

RA4-12W-k

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above

11P



141145

General Purpose Relays, Circuit Breakers & Sensors

FRANCHISE SOURCED GENERIC HOUSE SOURCED GENERIC BRANDS FACTORY OVERRUN

General Purpose Blade and Octal Relays

Industry standard termination for quick installation

· Wide range of coil voltages for industrial and commercial applications













UL/CSA approved

			i	Contact		Coil	Coil Resis.	Coil Current	Mating	Socket*	Pricing			
Part No.	Mfr.	Prodcut No.	Fig.	Form	Contact Rating	Voltage	(Ω)	(mA)	Jameco	DIN Rail	1	10	25	50
498671	P&B	KUEP-11D15-12	2 ¦	DPDT	3A @ 150VDC; 10A @ 240VAC	12VDC	80	150	282124	27E121	\$6.95	\$6.25	\$5.65	\$4.95
139766	BTA	BTA6-2C-J-CW-12VDC	4	DPDT	10A @ 28VDC; 12A @ 120VAC	12VDC	120	10	141145	_	8.95	7.95	6.95	5.95
172719	JVP	LB2-1205-R 🕿	3 ¦	DPDT	12A @ 30VDC; 12A @ 240VAC	12VDC	160	75	175531	27E895	5.95	4.69	4.19	3.49
282255	P&B	K10P-11D15-12 ₹	1 ¦	DPDT	15A @ 30VDC; 15A @ 120VAC	12VDC	160	75	282191	27E895	7.25	6.70	6.15	5.80
175565	JVP	LB2-24DS-R ₹	3	DPDT	12A @ 30VDC; 12A @ 240VAC	24VDC	650	37	175531	27E895	6.25	4.75	4.25	3.55
282263	P&B	K10P-11D15-24 ₹	1	DPDT	15A @ 30VDC; 15A @ 120VAC	24VDC	650	37	282191	27E895	7.49	6.85	6.28	5.95
175573	JVP	LB2-110AS 🕿	3	DPDT	12A @ 30VDC; 12A @ 240VAC	110VAC	3,900	28 [†]	175531	27E895	6.89	6.20	4.96	3.72
139740	BTA	BTA1-2C-120VAC ⊕	4	DPDT	10A @ 28VDC; 12A @ 120VAC	120VAC	2,250	122	141145	_	8.95	7.95	6.95	5.95
282247	P&B	K10P-11A15-120 ₹	1 1	DPDT	15A @ 30VDC; 15A @ 120VAC	120VAC	3,900	11	282191	27E895	7.55	6.85	6.27	5.96
291507	JVP	LB4H-120-R ₹	3	4PDT	5A @ 30VDC; 5A @ 240VAC	12VDC	160	75	175557	27E894	4.95	4.49	3.95	3.75
175602	JVP	LB4H-24DS-R ₹	3 ¦	4PDT	5A @ 30VDC; 5A @ 240VAC	24VDC	650	37	175557	27E894	5.19	4.69	4.19	3.14
175611	JVP	LB4H-110AS-R ₹	3	4PDT	5A @ 30VDC; 5A @ 240VAC	110VAC	3,900	28 [†]	175557	27E894	4.69	4.58	4.47	4.24

★ Web Code: TEM

Blade and Octal Relay Sockets

|--|

DIN Rall Relay Socket for K to Series (8-Blade Square)												
Part No.	•Mfr.	Product No.	Contact Arr.	Pins	1	10	25	50				
175531	JVP	27E895 🕿	DPDT	8	\$3.95	\$3.69	\$3.35	\$3.15				
282191	P&B	27E895	DPDT	8	4.79	4.69	4.59	4.08				
DIN Rail Relay Socket for KUEP Series (11-Blade Square)												
282124	P&B	27E121	3PDT	11	\$6.39	\$5.89	\$5.39	\$5.19				
DIN Rail	Relay So	cket for K	HAU Seri	es (1	4-Blade	Square	<u>e)</u>					
175557	JVP	27E894 🕿	4PDT	14	\$ 3.39	\$3.09	\$2.75	\$2.49				
282183	P&B	27E894	4PDT	14	7.29	6.89	6.65	6.35				
Standard Relay Socket for KRPA Series (Octal)												
282132	P&B	27E122	DPDT	8	\$4.25	\$4.05	\$3.85	\$3.66				
Standard	l Socket fo	or BTA1 S	eries(Octa	al)				, and the second				













* Web Code: MAX

421180



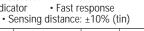
Inductive Proximity Switch Sensors Cylindrical and Square Styles

· Operating voltage range: 10-30VDC

- Nominal operating voltage: 12VDC
- 6' long cable Pre-tinned pigtail · Normally open output
- Switching frequency: 1.5kHz Current consumption: 10mA max.
- Short-circuit protected
- Sensing target: inductive type magnetic metal
- LED status indicator

167020

\$4.14



248858



		Output	Effec. Dist.	Standard Target	Size	Mounting		Pricing	
Part No.	Mfr. Part No.	Circuit	(Iron)	(Iron) (mm)	(L" x Dia.")	Hole (in.)	1	10	25
155547	S18-05N-1	NPN	0-4.0mm	18 x 18 x 1	1.4"Lx1.4"Wx0.7"H	0.112	\$11.95	\$10.95	\$9.95
167020	TS12-02N-1	NPN	0-1.6mm	12 x 12 x 1	1.8" x 0.46"	0.46	23.95	19.95	16.95
248858	TS12-02P-1	PNP	0-1.6mm	12 x 12 x 1	1.8" x 0.46"	0.46	24.95	22.69	20.95
421180	CS30-10N-1	NPN	0-12mm	30 x 30 x 1	2.3" x 1.40"	1.40	41.95	35.66	26.74
421198	CS30-15N-1	_	0-12mm	30 x 30 x 1	2.7" x 1.40"	1.40	50.55	42.94	32.21
421251	S25-07N-1	NPN	0-5.6mm	25 x 25 x 1	1.4" x 1.5"	0.98	23.95	19.95	16.95

Magnetic Proximity Switch Sensor • Contact rating: 3W max. @ 30VDC or 0.3A max. @ 30VAC • Potting: epoxy

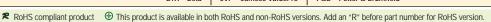
- · Contact form: SPST NO
- Contact resistance: 100mΩ max. initial
- Operating temp.: -40°C to 100°C · Dielectric strength: 200VDC min.
- Mechanical & electrical life: 10 million operations · Housing/spacer/cover: ABS plastic (UL94V-0), white
- · Reed switch: rhodium coated, hermetically sealed, nitrogen filled glass capsule
- Wire leads: UL1060 22AWG stranded wire, stripped, 12"L white
- · Foam backed adhesive mounting, pressure sensitive

Part No.	Mfr. Part No.	Description
588131	MPS45WGW	Subminiature surface mount, side exit leads, 1" make

BTA = Beta	JVP = Jameco V

/aluePro

P&B = Potter & Brumfield



	1	10	1
rit leads, 1" make gap	\$6.29	\$5.81	\$5.

*Web Code: UBB 100 .36



· Quick connect style terminals · Actuator: black plastic button

Circuit Breakers

Curr. Rating Part No. Mfr. P/N (A @ VAC) 621376 35-2105₹ 5@125/250 .. \$4.75 \$3.69 \$3.49 \$3.29 621413 35-2110 10 @ 125/250 4.75 3.69 3.49 3.29 **621430** 35-2115 15 @ 125/250 **3.49** 3.25 2.95 **621448** 35-2120 20 @ 125/250 **4.75** 3.69

VF4 Relay Socket with Coil Diode

- · Diode coil suppression
- · Contact voltage: 12V
- Contact current: 20A
- 12 AWG: 2 black & 1 blue wire; 18 AWG: 1 black & 1 red wire (7.5" length)
- Use with P/N 148583, left

Part No.	Product No.	1	10	50	100
170624	RSD03\$2.3	5	\$2.15	\$1.89	\$1.55

*I/O Module Relays Online — Enter Web Code TBW

*Bistable, Impulse Relays Online — Enter Web Code QDR

Flex Sensor

- Max. resistance: $30k\Omega$ to $40k\Omega$, proportional to the degree of flexing or bending • Lenght: 4.5"
- · Applications: virtual reality data gloves, robotic, bio-metric, physics and engineering

Part No.	Description	Nominal Resistance	1 10
150551	Flex sensor	10kΩ \$13.3 !	5 \$12.19

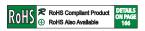
Reed-Based Magnetic Proximity Sensor

- · Hermetically sealed contacts
- Zero power consumption
- · Suitable for AC/DC circuits Contact resistance: 0.2Ω max.
- Breakdown voltage: 200VDC min.
- Operating temp. range: -40°C to 105°C
- Max. switching voltage: 175VDC @ 0.5A
- Typical op. time: 0.6ms SPST NO

Mfr. Part No. Description Part No. 25 MP201901 10-Watt \$2.85 \$2.53

^{*} For compatible sockets see below

[†] Silver-cadmium oxide, no lamp

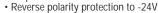




Hall-Effect Magnetic Proximity Sensor

With Snap-Fit Mount

- · Solid state reliability
- · No mechanical contacts to wear out
- · South pole sensitive or bi-polar latch
- · Operating voltage range: 4.75-24VDC
- Output saturation voltage max.: 400mV
- · Immune to dust, dirt, & moisture
- · Digital output compatible with all logic families
- Operating temp. range: -40°C to 85°C • Output: 3-wire sink





★ Web Code: CCC

		Supply Curr.	Output Curr.	Op. Point	Rel. Point			Pricing	
Part No.	Product No.	Max. (mA)	Max. (mA)	Gauss (max.)	Gauss (min.)	Wire	1	10	25
513244	MP101301	4	25	300	60	24AWG x 1m	\$5.05	\$4.78	\$3.86

CHERRY ?? **Digital Hall-Effect Magnetic Proximity Sensor**

Low-Profile Flange Mount

- · Capable of millions of operations
- Reverse battery protection to -24VDC
- Output saturation voltage max.: 400mV
 Operating voltage range: 4.5-24VDC
- Applications: door position sensing, flow sensing, pedal switch
- Meets IEC529 IPX5 for water protection · Output wire: 3-wire sink

Web Code: WEG

		Supply Curr.	Output Curr.	Op. Point	Rel. Point			Pricing	
Part No.	Product No.	Max. (mA)	Max. (mA)	Gauss (max.)	Gauss (min.)	Function	1	25	50
513252	MP101401	5.2	20	185 (south)	60 (south)	Unipolar switch	\$5.05	\$4.30	\$3.90

Honeywell

- · Linear volt. output vs %RH
- Op. temp.: -40°C to 85°C
- Accuracy (best fit straight line): ±3.5% RH
- Designed specifically for high volume OEM

- **Humidity Sensor** • 3-pin SIP High accuracy
 - Volt. supply: 4 to 5.8VDC · Current supply: 500µA max.

Direct input to a controller or other device is made possible by this sensor's linear voltage output

Mfr. Part No. Part No. Description 100 HIH-4000-003 **₹** 0.10" lead pitch SIP w/ calibration & data printout 1860248 \$28.55 \$22.82

Ambient Light Optical Sensor

The APDS-9002 is a low-cost analog output ambient light photo sensor in a miniature chip LED lead-free surface mount package. It consists of a spectrally

* Web Code: ZZZ suited phototransistor, which

peaks in human luminosity curve.

- Supply voltage: 2.4V to 5.5V Fall time: 0.8 ms
- Oper. temp.: -40°C to 85°C · Rise time: 0.95 ms
- Dark current: 50mA
- · Light current ratio: 1.2

NEW Part No. Product No

10 \$.99 1548511 APDS-9002-021₹ \$.89

Commercial Grade Gear Tooth Speed Sensor

Hall Effect w/ Adjustable Aluminum Housing

- · Operating voltage range: 4.5-24VDC
- Reverse battery protection from 24VDC
- · Supply current: 6mA max.
- Barrel length: 1.0"
- · Output voltage: 400mV max.
- Thread: 15/32" 32
- · Output current: 25mA max. · Output: sink
- Wire: 20 AWG x 1m
- Operating temperature range: -40°C to 125°C

Part No.	Product No.	1	10	25
512401	GS100701 \$	19.95	\$18.95	\$18.00

24VDC Liquid Level Sensor

Combine the control box and sensor to activate a water valve. When sensor is triggered by a tank in either full or empty condition, it will trigger an output status change.

· Diameter: 1.0"

· Overall Length: 3.9"

• Travel Distance: 2.0'

* Web Code: LLS

* Web Code: CBF

* Web Code: CBF

Part No. Description 176250 Sensor empty type \$9.95 \$7.95

Microstructure Pressure Sensor

 Gage unamplified, Honeywell non-compensated flow-through

- Excitation: 10VDC typical
- Linearity: ±0.5%

1817004

- Response time: 1msec.
- Input/output resistance: 5kΩ typical
- Pressure range (psi): 30
- Overpressure (psi): 60 max. • Span: 330mV · Sensitivity: 11mV/psi

Part No. Product No.

24PCDFB6G **₹**\$19.49 \$17.72

Pressure Sensor

- Pressure range: -1.1 to 2.5 PSI
- Operating voltage: 5V @ <10mA
- Max. excitation voltage: 8V
- 1/8" diameter tubing is applicable
- Pressure media: non-corrosive gas
- Pre-calibration of offset volt. & span
- · Maximum load pressure: twice rated pressure
- · On-chip amplification and temp. compensations
- Volt-level output Size: .55"L x .47"W x .20"H

Part No. Product No. Mfr

196103 XFPN-025-KPGRNW1 Fujikura.. \$12.95 \$11.49 \$9.95

Actuator Magnet Speed & CHERRY ? **Proximity Sensors**

· Aluminum housing

· Adjustable thread mounting stud

 Operating range: -40°C to 150°C





Part No. Product No 482370 AS101001 South facing \$4.89 \$4.34 482388 AS101002 North facing 3.65 3.45

Magnetic Transducers (Speakers)

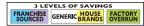
	Applied voltage 1/2 duty agree years										
 Applied 	voltage: 1/2 dı	uty, square wa	ve							NACD C	Jue. Jivii
				Oper. Volt.	Volt.	Frequency	Sound	Dimensions		Pricing	
Part No.	Manufacturer	Product No.	Fig.	(V/mA)	Range	(Hz)	(dB)	(H x Dia.)	1	10	100
207918	Jameco ValuePro	DB105GFPN 🗷	1	1.5/30	1 – 2	2048	75	.22" x .47"	\$1.19	\$.99	\$.79
138722	Jameco ValuePro	DB111A-PN ₹	2	1.5/10	1 – 2	2048	80	.32" x .46"	1.55	1.38	1.18
138740	Jameco ValuePro	DBX05-PN ₹	2	5/40	3 – 8	2400	85	.35" x .46"	1.49	1.34	1.19
106500	Jameco ValuePro	SBT-1205	2	5/40	3 – 8	2400	85	.40" x .48"	1.49	1.35	1.09
1537408	Various	QMB-01	3	1.5/15	_	2048	80	.53" x .63"	1.25	.99	.79
673926	Jameco ValuePro	SEP2202A	4	3-20/11	3 – 20	3000	85	.64" x .96"	1.49	1.25	.99
673871	Jameco ValuePro	PRT-1205	2	5/40	3 – 8	2400	90	.35" x .46"	.79	.65	.49
673774	Jameco ValuePro	SBT-1612	3	12/40	6 – 18	2048	85	.53" x .62"	1.25	.99	.79



Piezo	Transducers	(Snea	kers)
FIEZU	II alisuucei s	(Spea	VCI 2)

			Г	iezo ira	(Speakers)						
				Rated	Max.	Res	Sound	Dimensions		Pricing	
Part No.	Manufacturer	Product No.	Fig.	Voltage	Current	Frequency	(dB)	(H x Dia.)	1	10	100
1956784	Velleman	TV4 ₹	1	1.5Vp-p	1.5mA	4KHz	75	14mm x 50mm	\$2.95	\$2.84	\$2.69
1956776	Velleman	TV1 ≈	2	1.5Vp-p	1.5mA	4KHz	85	6mm x 30mm	1.09	.99	.95
673900	Jameco ValuePro	SEP-1172	3	3-28VDC	7mA	3.2KHz	81	31.4mm x 16mm	1.25	.99	.79





3 LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE FACTORY OVERRUN

				Piezo) Buzze	ers (An	noun	ciators	5)		* Web C	ode: JPB	
					Oper. Volt.	Volt.	Sound	Freq.	Dimensions		Pricing		
Part No.	Manufacturer	Product No.	Fig.	Tone	(V/mA)	Range	(dB)	(Hz)	(H x Dia.)	1	10	100	
249498	Jameco ValuePro	1103120-LF-TA	1	Dual*	12/25	4 – 16	95	2900	34.5mm x 43.5mm	\$2.95	\$2.65	\$2.39	
2081246	Shogyo	SEP-2202A5	6	Single	3/11	1.5 – 6	85	3000	16mm x 24mm	2.49	2.25	1.95	
335557	Jameco ValuePro	MSR320 ₹	13	Single	3-20/3-16	3 – 20	80	3400	.39" x .91"	2.75	2.55	2.29	
337535	Jameco ValuePro	SNP428⊕	15	Single	4-28/3-16	4 – 28	76	2900	.85" x 1.64"	2.95	2.65	2.39	
1956696	Velleman	SV4/5-S 	8	Single	5/25	3 – 6	87	3200	.30" x .47"	3.65	3.45	3.29	
336989	Jameco ValuePro	SC616N	2	Single	6-16/6-22	6 – 16	95	2900	1.28" x 1.69"	4.85	4.35	3.89	
1956741	Velleman	SVM06 ₹	5	Single	6/20	3 – 7	75	300-500	.91"L x .63"W x .59"H	1.95	1.75	1.55	
196357	Various	AL-175	14	Single	12/5.8	3 – 16	86	4000	.30" x .54"	1.95	1.75	1.49	
1956725	Velleman	SV8 ₹	6	Single	12/6	3 – 16	85	4000	.30" x .55"	2.45	2.25	1.95	
138713	Jameco ValuePro	32S4120-PN ₹	14	Single	12/7	3 – 16	80	4000	.30" x .54"	2.45	2.25	1.95	
1956688	Velleman	SV4 2	9	Single	12/12	4 – 15	90	2800	.79" x 1.10"	1.85	1.65	1.55	
1956750	Velleman	SVM12 ₹	5	Single	12/15	7 – 17	75	300-500	.91"L x .63"W x .59"H	1.99	1.75	1.65	
1956670	Velleman	SV2 ₹	10	Single	12/15	4 – 15	85	2800	.57" x 1.10	2.19	2.09	1.99	
1956709	Velleman	SV4/12-S ₹	8	Single	12/15	8 – 16	85	3200	.30" x .47"	3.65	3.45	3.25	
335927	Jameco ValuePro	PK-20A38P	6	Single**	12/15	3 – 24	95	3800	18mm x 23mm	3.39	2.85	2.65	
335505	Jameco ValuePro	MAS800⊕	12	Single	12/50	9 – 12	103	2800	15.2mm x 26mm	2.45	2.25	1.95	
32602	Jameco ValuePro	11S3240-R ₹	1	Single	24/15	1 – 27	95	2900	1.4" x 1.7"	4.95	4.45	4.29	
1956768	Velleman	SVM24Z	5	Single	24/20	16 – 30	75	300-500	.91"L x .63"W x .59"H	2.45	2.35	2.19	•
76021	Jameco ValuePro	7S3240-LA ↔	1	Single	24/20	1.5 – 28	95	3200	1.0" x 1.1"	4.95	4.49	3.95	
1956733	Velleman	SV10 ₹	4	Dual	12/8	3 – 28	90	2900	.79" x 1.10"	8.95	8.59	8.15	
1956717	Velleman	SV5 ₹	7	Dual	12/8	3 – 28	90	3500	.77 x 1.28"	6.39	6.15	5.79	
1956661	Velleman	SV1 2	11	Dual	12/30	1 – 13	105	2900	1.02" x 1.77"	5.95	5.75	5.45	
123538	Jameco ValuePro	11D3240 ₹	1	Dual*	24/20	4 – 28	80	2900	1.4" x 1.7"	4.19	3.79	3.39	
336997	Jameco ValuePro	SC616NJ	1	Pulse	6-16/6-22	6 – 16	95	2900	1.28" x 1.69"	4.95	4.49	3.95	
337383	Jameco ValuePro	SC628P	1	Pulse	6-28/4-16	6 – 28	80	2900	1.84" x 1.69"	4.95	4.49	3.95	
335855	Jameco ValuePro	PK-12N40P	6	Pulse	12/10	3 – 15	83	4100	8mm x 14mm	3.75	3.35	2.95	
336049	Jameco ValuePro	PK-27N36W	2	Pulse	12/15	3 – 28	90	3500	10mm x 30mm	2.55	2.19	1.95	
335695	Jameco ValuePro	PF-20A35EW	3	Fast pulse	12/10	3 – 28	95	3500	.98" x 1.10"	3.55	3.19	2.49	
336639	Jameco ValuePro	SBM616PU	16	Fast pulse	6-16/3-12	6 – 16	78	2900	.62" x 1.69"	2.99	2.49	1.99	





2 Single

Jameco ValuePro SC628D

JAMECO \	/alue Pro				Pie	zo Siren	S			* Web Co	de: POS
				Oper. Volt.	Voltage	Frequency	Sound	Dimensions		Pricing	
Part No.	Manufacturer	Product No.	Fig.	(V/mA)	Range	(Hz)	(dB)	(H" x Dia.")	1	10	100
336225	Jameco ValuePro	PS-562	1	12/40	5 – 15	2500/3500	100	16mm x 42mm	\$5.95	\$5.35	\$4.85
207993	Jameco ValuePro	SL15R3120LA₹	2	12/250	6-16	3500	105	2.3"L X 1.8"W X 1/6H	5.95	5.35	4.85
207888	Jameco ValuePro	18R3120 ⊕	3	12/120	9 – 15	1500/3100	105	3.4L x 2.2W x 1.3H	7.95	6.95	6.25

9 – 15

1900

2300

1.25" x 1.69"

0.38" x 0.47"

6-28/5-18 6 – 28

12/50



JAMECO.	Value Pro			ıvıagr	Jetic Ri	uzzer				* Web C	ode: MBZ
			Oper. Volt.	Voltage	Frequency	Sound	Dimensions		P	ricing	
Part No.	Manufacturer	Product No.	(V/mA)	Range	(Hz)	(dB)	(H x Dia.)	1	10	100	1000
76065	Jameco ValuePro	TDB05-PN ₹	5/30	4 – 7	2300	85	.35" x .46"	\$2.95	\$2.75	\$2.55	\$2.39



Mechanical/Electromechanical Buzzers

				Oper. Volt.	Voltage	Frequency	Sound	Dimensions		Pricing			
Part No.	Manufacturer	Product No.	Fig.	(V/mA)	Range	(Hz)	(dB)	(H x Dia.)	1	10	100		
335370	Jameco ValuePro	AST200	1	3/80	2 – 5	2731	85	8.7"sq. x 4.2"H	\$1.95	\$1.75	\$1.59		
335441	Jameco ValuePro	AST800	1	3	2 – 4.5	3200	87	11 W x 14 D x 3.5 H (mm)	3.25	2.93	2.55		
24871	Jameco ValuePro	63S109LA⊕	2	9/30	6 – 12	400	75	1.3"L x 0.7"W x 0.6"H	1.85	1.65	1.49		
140695	Jameco ValuePro	63S1120-LA ↔	2	12/25	9 – 15	400	75	1.3"L x 0.7"W x 0.6"H	2.09	1.79	1.29		
335345	Jameco ValuePro	ASI301	1	5/30	4 – 7	2400	90	.5"L x .5"W x .4"H	1.09	.89	.75		
335353	Jameco ValuePro	ASI401	1	12/30	8 – 15	2400	90	.5"L x .5"W x .4"H	1.09	.89	.75		
335388	Jameco ValuePro	AST500	1	1.5	1.2 – 3	2400	85	.5"L x .5"W x .4"H	.99	.85	.69		



* Web Code: MEB

Fig. 2

Ultrasonic Sensor Sets

· Use for motion or distance sensing • Frequency: 40kHz ±1.0kHz • Aluminum case

136654: Transmit/Receive Set · Capacitance: 2000pF ±30%

- Transmitter: bandwidth 4.0kHz @ 112dB, sound pressure level 119dB @ 40±1.0kHz
- Receiver: bandwidth 3.5kHz @ -71dB,min. sensitivity 65dB @ 40±1.0kHz (R=3.9kΩ)

139492: Transmit/Receive Set · Capacitance: 2000pF ±20%

- Transmitter: bandwidth 5.0kHz @ 100dB, sound pressure level 112dB @ 40 \pm 1.0kHz
- Receiver: bandwidth 5.0kHz @ -75dB, min. sensitivity 67dB @ 40 ±1.0kHz (R=3.9kΩ)

			, ,	10	7172	
Part No.	Product No.	Case Size	Lead Length/Spacing	1	10	50
136654	40TR16F ₹	0.47"H x 0.62"Dia.	0.39"	\$7.95	\$6.95	\$5.95
139492	40TR12B ₹	0.30"H x 0.43" Dia.	0.28"	7.95	6.95	5.95

30mm PCB Mountable Speaker (8 Ω)

- · Ideal for PC board mounting
- · Solder leads

* Web Code: CAU

136654

139492

2.65

2.95

1.25

2.35

.89

- Pin spacing: 15mm
- Output SPL: 82 dB
- Impedance: 8Ω
- Mylar diaphragm
- Dimensions: 1.2"Dia. x 0.5"D • Frequency range: 700 - 5000Hz
- Nominal input: 0.15W; max. input: 0.2W

10 135722 36MS30008⊕ **\$1.95 \$1.75 \$1.49**

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.



Product No.

GSP02-R₹

AZ40S

AZ50S

Part No

34025

76030

673766

Part No.

307871

2081191

355514

138861

Product No.

GC0401M

5000375-00

GC0201M

GC0201

Speakers & Microphone Cartridges

* Web Code: XAE

Round Piezo Speakers JAMECO ValuePro * Web Code: PSK Rated Max Res. Dimensions Pricing Fig. Part No Manufacturer Product No Voltage Current (dB) (H x Dia.) 10 100 1000 Freq PT-1250W \$1.45 336276 Jameco ValuePro 12Vp-p 2mA 4kHz 75 13mm x 30mm \$1.89 \$1.36 \$1.29 PT-2038FW **₹** 336314 Jameco ValuePro 12Vp-p 3mA 4kHz 80 4.5mm x 24mm 1.38 1.24 1.00 .75 2077280 Panasonic 24C411 15Vp-p 4kHz 85 24mm x 6mm 1.49 1.25 95 .79







Flat Element, Square Speakers

· Excellent for alarms or other voice uses · Stainless steel diaphragm

Dimensions

(Dia." x D")

1.57 x 0.67

2.00 x .342

1.57 x 0.40

0.8 x 0.169

					5				
Dimensions	Inj	put	Impedance	Output	Frequency	Element Size		Pricing	
(Dia." x D")	Nom (W)	Max (W)	(Ω)	SPL (dB)	Range (Hz)	(Dia." x H")	1	10	100
1.2 x 0.2	0.4	0.8	8	70	1300 – 8000	1.2 x 0.1	\$2.35	\$2.10	\$1.54
1.6 x 0.2	0.4	0.8	8	70	600 – 6000	1.6 x 0.1	1.95	1.49	1.25
10 10 2	0.4	0.8	ρ	70	500 _ 6000	10 v 0 1	1 75	1 // 0	1 10





Alnico Round, Square and Rectangular Speakers • For computer case use • Paper diaphragm • Wide frequency response • Pre-tinned solder lugs • Large magnet

1 01 0011	ipator ouse as	,,,	i apoi aiapiii	agiii	vvido ii	oquonoj	rospons	30 110 111	iiioa soiaoi	lago Lai	gomagnet	
			Dimensions	Inp	out	Impedance	Output	Frequency	Magnet Size		Pricing	, and the second
Part No.	Product No.	Fig.	(Dia." x D")	Nom (W)	Max (W)	(Ω)	SPL (dB)	Range (Hz)	(Dia." x H")	1	10	100
135765	RA2425	1	2.2 x 0.8	0.25	0.5	8	87	400 – 4000	0.5 x 0.4	\$1.59	\$1.43	\$1.07
88411	A0200 ≉	1	2.0 x 0.8	0.2	0.4	8	87	430 – 4500	0.5 x 0.4	1.85	1.58	1.19
111588	B0102 ₹	2	1.7 x 0.6	0.1	0.3	8	83	500 – 5500	0.5 x 0.4	2.29	1.85	1.55
135812	A1527C02 ₹	3	1.6 x 2.8 x 1.2	2.0	5.0	8	82	450 – 20000	0.5 x 0.5	4.85	4.09	3.64
2077301	25S9024	1	2.25 x 0.77	0.2	0.2	8	90	450 – 4000	.87 x .77	1.95	1.75	1.55
1954834	NMB-0030††	1	1.8 x 0.5	0.5	1.0	8	87	550 – 6000	0.9 x 0.2	2.89	2.69	1.95
1950972	I-826-219*	4	8.2 x 2.2 x 2.0	1.0	13.0	8	95	30 – 20000	1.5 x 2.8	9.95	7.95	5.95
2081220	TP-252†	1	2.6 x 0.875	0.5	1.0	16	89	400 – 4000	.87 x 0.5	2.95	2.49	1.95
1954826	R11-49†	2	2.9 x 1.2	0.5	1.0	16	89	300 – 7500	0.9 x 0.4	2.95	2.69	1.95
1954842	609-0033†	3	3.6 x 2.0 x 1.5	1.0	3.0	16	89	200 – 3000	0.9 x 0.7	3.49	2.95	2.49
105/051	D A162+	2	10 v 15	1.0	2.0	16	80	200 3500	00006	2 70	3 30	2 70







Fig. 4

*Sony LCD plasma replacement speaker (actual size: 6"H x 2.15"W x 1.94"D) † with wire leads †† pair of wire leads (2) 11"/10"

Input

Nom.

0.2

0.2

0.5

0.1

Micro Round Speakers

	Mic	ro Rou	nd Spea	akers			★ We	b Code: TBX
t	t (W) Impedance		Magnet Size	Output	Frequency		Pricing	
	Max.	(Ω)	(Dia." x H")	SPL (dB)	Range (Hz)	1	10	100
	0.3	8	0.71 x 0.43	80	600 – 8000	\$1.95	\$1.75	\$1.49
	1.5	8	0.631 x 1.14	85	600 – 3000	1.75	1.49	1.25
	1.0	50	0.72 x 0.43	89	600 – 5200	2.49	2.25	1.95
	0.2	32	0.26 x 0.06	78	800 - 7000	1.25	.99	.75





Round Ferrite Speakers

Pre-tinned speaker lugs
 Large magnet
 Anodized metal surfaces
 Paper diaphragm
 Braided copper voice coil leads

			Dimensions	Inpu	ıt (W)	Impedance	Output	Frequency	Magnet Size		Pricing	
Part No.	Manufacturer	Product No.	(Dia." x D")	Nom.	Max.	(Ω)	SPL (dB)	Range (Hz)	(Dia." x H")	1	10	100
320135	Various	C35128A [†]	2.0 x 0.7	0.2	0.4	8	83	420 – 5000	1.3 x 0.4	\$1.49	\$1.25	\$1.09
135589	Various	FE200	2.0 x 0.7	0.2	0.4	8	83	420 – 5000	1.3 x 0.4	2.45	2.02	1.82
320354	Jameco ValuePro	TR-066F	2.6 x 0.9	0.25	0.5	8	85	440 – 3500	1.3 x 0.4	1.75	1.48	1.11
10840	Various	FE201	2.2 x 0.7	0.2	0.4	8	88	400 – 4500	1.3 x 0.4	1.95	1.69	1.55
1954800	Regal	R-F163 [†]	3.0 x 1.3	1.5	3.0	16	89	200 – 3000	1.8 x 0.4	2.95	2.69	1.95
320362	Various	TR-050F	2.0 x 0.7	0.25	0.5	8	86	320 – 4000	1.3 x 0.4	2.55	1.97	1.49
† With lead	wires			Same	ro E	orrito	Spool	/OFC				



320135 Back ★ Web Code: TAT

320135 Side

1950948

*Web Code: EDT





99996 Side

99996 Back

* Web Code: QBW

136574 &

320179

Square Ferrite Speakers

Pre-tinned speaker lugs
 Large magnet
 Anodized metal surfaces
 Braided copper voice coil leads
 Paper diaphragm

			Dimensions	Inpu	ıt (W)	Impedance	Output	Frequency	Magnet Size		Pricing	
Part No.	Manufacturer	Product No.	(Dia." x D")	Nom.	Max.	(Ω)	SPL (dB)	Range (Hz)	(Dia." x H")	1	10	100
99996	Various	FEB204₹	2.6 x 0.9	3.0	4.0	4	95	300 – 14000	1.8 x 0.5	\$2.69	\$2.39	\$2.05
135694	Various	FEB200₹	2.0 x 0.7	0.2	0.3	8	82	500 – 6000	1.3 x 0.5	1.99	1.80	1.60
1954818	Various	TQ-100F-R	4.0 x 1.4	6.0	8.0	8	97	800 – 10000	1.8 x 0.5	3.95	3.59	2.95
31959	Various	FEB216₹	2.6 x 0.8	0.2	0.4	16	85	330 – 8000	1.3 x 0.5	2.69	2.39	2.15
249463	Various	66SF25	2.6 x 0.8	0.3	0.5	25	10	320 – 4000	1.3 x 0.5	2.49	2.09	1.59

Omni-directional Electret Condenser Microphone Cartridges

· Used for recording, testing, and monitoring Modems for computers Applications: Tape recorders, intercoms, hearing aids, telephone and answering devices, sonic controlled toys and sensors

				Frequency	Max. Op.	Stand Op.	Max.	Sensitivity	S/N			Size		Pric	ing	
Part No.	Manufacturer	Product No.	Sensitivity	(Hz)	Volt.	Volt.	Current	Reduction	Ratio	Impepedance	Terminals	(H x Dia.)	1	10	100	1000
1950948	SPK Electronic	EM-4F-31	-60 ±3dB	50-16,000	10VDC	3.0VDC	0.5mA	-3dB @ 3V	>58dB	>2.2kΩ	PC pin leads	.27" x .39"	\$.89	\$.79	\$.69	\$.59
136574	Jameco ValuePro	WM-60PC ₹	-54 ±2dB	20-12,000	12VDC	4.5VDC	0.5mA	-3dB @ 3V	>40dB	>2.2kΩ	PC pin leads	.30" x .38"	.99	.89	.75	.59
320179	Various	EM-99 ₹	-64 ±2dB	20-12,000	12VDC	4.5VDC	0.5mA	-3dB @ 3V	>40dB	>2.2kΩ	PC pin leads	.27" x .39"	.84	.76	.68	.62



3 LEVELS OF SAVING FRANCHISE GENERIC HOUSE FACTORY OVERRUN

JAMECO ValuePro

Set screw for secure attachment

Instrumentation Knobs

(1/4" Shaft Diameters)





















Fig. 11



Fig. 12



Fig. 14

Fig. 13



Fig. 15

•	3	•	•	•				
Part No.	Product No.	Body	Pointer	H" x Dia."	Fig.	1	10	100
264998	JK-902A ₹	Black	White	.69 x 1.31	1	\$.89	\$.67	\$.62
265009	JK-902B	Black	White	.60 x .95	1	.65	.60	.56
264920	JK-901A	Black/alum	White	.79 x 1.77	2	1.59	1.33	1.10
264946	JK-901B	Black/alum	White	.64 x 1.29	2	.81	.63	.61
264955	JK-901C ₹	Black/alum	White	.61 x 1.06	2	.79	.62	.56
264990	JK-901D ≉	Black/alum	White	.47 x .78	2	.87	.73	.61
264883	RN-112A ₹	Black/alum	Numeric	.90 x 1.46	3	.98	.84	.79
264892	RN-113A ≈	Black/alum	Numeric	.70 x 1.15	3	1.05	.89	.80
102788	JK-903C ₹	Black	White	.54 x 1.25	4	.64	.41	.39
104176	JK-902C	Black	White	.49 x .75	5	1.04	1.01	1.00
202287	CP-Z1-M-S ₹	Black/alum	White	.60 x .80	6	.80	.62	.56
136241	GKB-214 ₹	Black/alum	White	.52 x .54	7	.87	.73	.61
138393	41108-1 2	Black/alum	White	.56 x .85	7	1.22	1.04	.94
265051	JK-905A ≈	Black/red	White	.58 x .57	8	.99	.89	.79

Part No.	Product No.	Body	Pointer	H" x Dia."	Fig.	1	10	100
265077	JK-905C ₹	Black/blue	White	.58 x .57	8	\$.98	\$.84	\$.63
265084	JK-905D	Black/green	White	.58 x .57	8	.79	.63	.57
265018	JK-904A ≉	Black/red	White	.47 x .78	9	1.02	.79	.72
265033	JK-904C	Black/blue	White	.47 x .78	9	1.19	1.19	.76
265121	JK-906D ⊙	Black	White	.58 x .61	10	.68	.55	.54
264823	CPBTAA191AS6.4BK	Black/black	White	.79 x .77	11	1.04	.88	.69
265261	CR-MS-5C5-T18*	Grey	Grey	.68 x .51	11	.55	.49	.45
265228	CR-MS-1C5-T18*	Grey	Red	.68 x .51	11	.74	.63	.49
290125	42008-1 2 †	Silver	Silver	.500 x .625	12	1.99	1.79	1.61
162481	K5-1/4S	Chrome	Silver	.500 x .560	13	1.49	1.37	1.03
162499	K5-1/4B	Black	White	.500 x .560	14	1.95	1.75	1.59
138482	KN031 ≈	Aluminum	Black	.610 x .650	15	1.95	1.76	1.60
138502	KN032 ₹	Aluminum	Black	.870 x .750	15	2.65	2.34	2.13
138511	KN033 ₹	Aluminum	Black	1.18 x .870	15	2.99	2.69	2.44

^{*} For use with 1/4" knurled shaft 1/8" shaft diameter

1954797

216821

457801

(RAF)

Iridite clear finish

\$1.95

3.95

PCB Standoff Mounting Hardware



1.25" & 3.0" Instrumentation Handles

8358-1032-B-5 3.3 x 1.3 x 0.3

811-0632-A-24 3.3 x 1.0 x 0.25

Aluminum Round Spacers

Size (L" x H" x D")

1.4 x 1.0 x .187

1954797: Round aluminum black anodized • 6-32 thread-on 1.25" centers (2)

Product No.

9116

216821/457801: Oval aluminum

Keystone

Various

Various

10-32 thread-on 3.00" centers (2)



10

\$1.75

3.75

1.49

100

\$1.49

3.49

.99

Part No.	Product No.	Dimensions	Holes 1	10	100
28337	CS1016⊕	1.2"L x 0.6"W	0.2"*	\$.10	\$.09
129252	PCST2 ₹	0.9"L x 0.4"Dia.	0.2"/0.3"	.21	.18
148056	PCST3	0.8"L x 0.5"W	0.1"/0.2"*	.09	.07
291961	ACBS-6	0.75"L x 0.5"W	0.1"/0.2"*	.14	.05
292015	SBC-6	0.7" x 0.27"Dia.	0.1"/0.2"*	.16	.14

*More PCB Standoffs Online— Enter Web C

Ceramic Donut Magnet

NE' • For science, fridge or projects • Center hole: .375" dia. Size (Dia. x Thick) Part No. Product No. 109031 CDM 1.23" x 0.19"



PINK	- 10	W
	10	100
,	\$.39	\$.25
	-	

Nylon Shoulder Washer/Bushing ➡ Blue Part No. = Limited Quantity Available Nylon 6/6

Screw Size Diameter Part No. Product No 10 100 1581804 3049 .218" .. \$.05 \$.04



4-40 Mounting Angle Bracket

· Holes: both 4-40 threaded · Material: zinc plated steel Part No. Product No. Description Size (H"xL"xW") 10 100 1581530 621 🕿 L-type, steel .343 x .375 x .250 \$.29 \$.19

★ Web Code: TBQ Outer Dia. Part No. Product No. Length, Internal Dia. 10 100 392893 1111-4-A-7**≈** 3/8", #4 ID (0.115") 3/16" \$.25 \$.22 \$.19 392930 1116-4-A-7 11/16", #4 ID (0.115") 3/16"39 .32 .27 393078 1124-4-A-7 1/4", #4 ID (0.115") 1/4" * .17 .14 5/16", #4 ID (0.115") 1/4" * 393086 1125-4-A-7 .17 .14 393095 1126-4-A-7₹ 3/8", #4 ID (0.115") 1/4" * .17 .14 393115 1128-4-A-7 1/2", #4 ID (0.115") 1/4"36 .29 393123 1133-4-A-7 13/16", #4 ID (0.115") 1/4"32 .25 .19 1134-4-A-7 7/8", #4 ID (0.115") 1/4"32 .25 .19 393131 393140 1". #4 ID (0.115") 1/4"32 .25 .19 1136-4-A-7 393352 1122-6-B-12**₹**† 1/8", #6 ID (0.140") 1/4" * .19 .15 393272 1124-6-AL-7**₹** 1/4", #6 ID (0.140") 1/4" * .17 .14 393290 1125-6-AL-7**≈** 5/16", #6 ID (0.140") 1/4" * .17 .14 1126-6-A-7 3/8", #6 ID (0.140") 1/4"30 393297 .25 .21 393300 1127-6-A-7 7/16", #6 ID (0.140") 1/4" * .17 .14 393319 1128-6-A-7**≈** 1/2", #6 ID (0.140") 1/4"32 .29 .25 393326 1133-6-A-7 13/16", #6 ID (0.140") 1/4"32 .25 .19 393335 1134-6-A-7**≈** 1/4"32 .25 7/8", #6 ID (0.140") .19

Blue Part No. = Limited Quantity Available

† Brass Thumbscrews

Fig. 1

393976

* Web Code: VBZ

Fig. 2

394071

Includes 2300 pcs. (23 types) Spacers, Nuts, Flat, Tooth & Lock Washers and Slotted PH Screws

Hardware and Spacer Assortment Kit

100 each Spacers	100 each Hex nuts	100 each Flat	100 each Int. tooth	100 each Split lock		each ne screws
_	2-56	_	_	#2	2-56 x	1/4, —
4-40	4-40	#4	#4	#4	4-40 x	1/4, 1/2
6-32	6-32	#6	#6	#6	6-32 x	1/4, 1/2
8-32	8-32	#8	#8	#8	8-32 x	1/2, —
Part No.	Description		Wt. (lbs.)		1	10
108433	2300 pcs. H	lardware kit	7.5		\$89.95	\$75.95

*More RAF Electonic Hardware Available Online — Enter Web Code RAF

Aluminum

Part No.	Product No.	Fig.	Thread	Thread Length	Length	1	10	100
393976	7100-A 2	1	4-40	5/16"	5/8"	\$1.75	\$1.36	\$1.23
394004	7106-A 	1	8-32	3/8"	11/16"	1.25	.99	.75
394055	7120-AL 🕊 🖸	2	4-40	5/16"	1/2"	1.55	1.47	1.40
394063	7125-A ≉	2	6-32	3/8"	9/16"	1.09	.89	.69
394071	7128-A	2	8-32	3/8"	9/16"	1.09	.89	.69

RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.

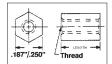




.187"/.250" Aluminum, Brass & Steel Hex Threaded Standoffs

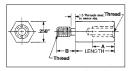
[†] Finish: Iridite (clear); ¹ per MIL-C-5541-D; ² bright tin plate; ³ stainless steel; ⁴ brass (plain); ⁵ zinc clear chromate





Hex Female (Fig. 1)

Male/Female



Hex Male/Female (Fig. 2)

.187"/.250" Hex Female Standoffs

.187" Hex 4-40 Thread (Fig. 1)

Part		Hex		Pricing	
Number	Metal [†]	Length	1	10	100
175636	Brass⊕2	.187"	\$.25	\$.19	\$.17
102796	Brass 2 2	.250"	.32	.29	.26
133613	Alum 2 1	.250"	.32	.29	.17
133640	Alum 2 1	.500"	.39	.35	.23
139185	Alum 2 1	1.000"	.54	.49	.35

250" Hex 4-40 Thread (Fig. 1) $*$ Order in multiples of 1	250'	' Hex	4-40	Thread	(Fia.	1)	* Order in multiples of 1
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.ZJO IICA	7 70 1111	caa (i i	9. 1)		
Part		Hex		Pricing	
Number	Metal [†]	Length	1	10	100
139192	Alum⊕1	.250"	*	\$.15	\$.12
1944353	Brass ⁴	.250"	.43	.39	.25
77500	Alum⊕1	.375"	.29	.17	.13
393693	Brass 2 5	.375"	.59	.54	.35
134763	Alum 2 1	.437"	.39	.35	.19
108371	Alum 2 1	.500"	.43	.39	.21
393713	Brass⊕5	.500"	.61	.55	.35
393714	Brass 2 5	.500"	.73	.66	.35
77519	Alum 2 1	.625"	.47	.43	.25
133605	Alum ₹ 1	.750"	.43	.39	.21
1944370	Brass ⁴	.750"	.76	.69	.35
393731	Brass 2 5	.750"	.83	.70	.66
139205	Alum⊕1	1.000"	.32	.29	.19
393749	Brass 2 5	1.000"	.78	.71	.56

.250" Hex 6-32 Thread (Fig. 1)

Part		Hex	Pricing										
Number	Metal [†]	Length	1	10	100								
77535	Alum 2 1	.250"	\$.28	\$.25	\$.15								
1582398	Brass ⁴	.250"	.28	.25	.19								
133591	Alum⊕1	.375"	.28	.25	.12								
1582400	Brass ⁴	.375	.32	.29	.25								
77543	Alum 2 1	.500"	.29	.25	.17								
393772	Brass ⁵	.500"	.70	.59	.35								
77552	Alum ₹ 1	.625"	.43	.39	.23								
77570	Alum 2 1	.750"	.45	.41	.25								
77578	Alum 2 1	1.000"	.50	.45	.29								
1944388	Brass ⁴	1.000	.43	.39	.35								
143407	Alum⊕1	1.500"	.61	.55	.39								
393811	Brass 2 5	1.500"	.75	.69	.65								
143441	Alum 2 1	1.750"	.79	.72	.55								

.187"/.250" Hex Male/Female Standoffs

.187" Hex 4-40 Thread (Fig. 2) (A: .250"; B: .187")

Part		Hex	Pricing							
Number	Metal [†]	Length	1	10	100					
393458	Alum 2 1	.250"	\$.39	\$.35	\$.34					
393474	Alum 2 1	.500"	.46	.39	.32					
393503	Alum 2 1	1.000"	.52	.47	.35					
1397910	Alum⊕1	.562"	.26	.19						

Blue Part No. = Limited Quantity Available

.187" Hex 6-32 Thread (Fig. 2) (A: .375"; B: .250")

Part		Hex	Pricing							
Number	Metal [†]	Length	1	10	100					
393588	Alum 1	1.000"	\$.43	\$.39	\$.29					

.250" Hex 4-40 Thread (Fig. 2) (A: .250"; B: .187")

Part		Hex		Pricing	
Number	Metal [†]	Length	1	10	100
77586	Alum 2 1	.250"	\$.32	\$.29	\$.21
1582330	Brass 🏞 ⁵	.250"	.53	.49	.33
77594	Alum 2 1	.375"	.45	.36	.20
393845	Brass 2 5	.375"	.78	.71	.47
111756	Alum 2 1	.500"	.43	.39	.29
139214	Alum 2 1	.625"	.46	.42	.29
139222	Alum 2 1	.750"	.50	.45	.35
139231	Alum 2 1	1.000"	.57	.52	.41
128566	Alum 2 1	1.250"	.51	.46	.40
166546	Alum 2 1	1.500"	.76	.69	.59
618020	Alum ¹	1.500"	.25	.24	.23

.250" Hex 6-32 Thread (Fig. 2) (A: .375"; B: .250")

Part		Hex	Pricing							
Number	Metal [†]	Length	1	10	100					
133542	Alum 2 1	.250"	\$.43	\$.39	\$.25					
133568	Alum 2 1	.375"	.43	.39	.25					
77607	Alum 2 1	.500"	.44	.40	.22					
77623	Alum 2 1	.750"	.54	.49	.42					
77650	Alum 2 1	1.000"	.65	.59	.49					
206623	Steel ³	1.250"	1.39	1.25	.99					

Our enhanced website offers over a hundred thousand data sheets and photos to assist you in finding the products you need.

.250" Round Threaded Standoffs

- Aluminum or Brass
- † Finish: Iridite (clear);
- ¹ per MIL-C-5541-D; ² brass (plain)

.250" Round 4-40 Thread Female

Part		Hex	Pricing							
Number	Metal [†]	Length	1	10	100					
1945102	Alum 2 1	.250"	\$.43	\$.39	\$.22					
1944468	Brass ²	.250"	.28	.25	.19					
1944530	Alum 1	.375"	.25	.22	.15					
1944564	Alum 1	.500"	.32	.29	.22					
1944476	Brass ²	.500"	.43	.39	.25					
1945129	Alum 2 1	.750"	.50	.45	.23					
1944484	Brass ²	.750"	.65	.59	.39					
1944599	Alum 1	1.000"	.54	.49	.32					

.250" Round 6-32 Thread Female

Part		Hex		Pricing	
Number	Metal [†]	Length	1	10	100
1944610	Alum 1	.250"	\$.25	\$.19	\$.13
1944492	Brass ²	.250"	.28	.25	.15
1944628	Alum 1	.375"	.25	.22	.15
1944505	Brass ²	.375"	.28	.25	.19
1945145	Alum 2 1	.500"	.39	.35	.19
1944521	Brass ²	.500"	.43	.39	.25
1944644	Alum 1	.750"	.43	.39	.25
1944652	Alum ¹	1.000"	.61	.55	.35

SAE Hardware

* Web Code: BAG

0

(

* Web Code: TBQ

· Zinc-plated steel





Hex Nuts



Flat Washers

Part	Screw	Length	100 piece multiples						
Number	Size	(inches)	100	1000					
211131	4	.237	\$.03	\$.02					
106826	4 %	4 2 .281		.03					
106833	6	.373	.028	.023					

Internal Tooth Lock Washers

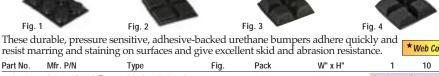
Part	Screw	100 pie	ce multiples			
Number	Size	(inches)	100	1000		
106850	4	.258	\$.007	\$.006		
106868	6⊕	.277	.02	.015		

Split Lock Washers

Part	Screw	ce multiples		
Number	Size	(inches)	100	1000
40977	4 %	.242	\$.02	\$.015
42463	6 %	.240	.02	.015

All Jameco purchases are guaranteed for a full 90 days and even longer for Jameco House Brands.

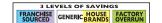
Cylindrical and Square Tapered Adhesive Rubber Feet



reside manning and statistics and give excellent state and actuation resistances												
Part No.	Mfr. P/N	Туре	Fig.	Pack	W" x H"	1	10	50				
142658	SJ5012BLKC ₹	Black cylindrical	1	100	.50 x .14	\$6.99	\$5.99	\$5.49				
142771	SJ5008BLKC₽	Black square tapered	2	100	.50 x .12	7.99	5.99	4.99				
142682	SJ5018BLKC ₹	Black square tapered	3	100	.50 x .23	. 10.95	8.99	7.99				
126981	SJ5023BLK4₽	Black square tapered	4	4	.81 x .30	1.95	1.75	1.49				
142666	SJ5023BLKC ₹	Black square tapered	4	100	.81 x .30	. 14.99	12.99	10.99				
2081385	GB201	100 assorted sizes &	types I	bumpers, grommets	& rubber feet	8.95	7.95	6.95				



DC Brushless Tubeaxial Fans & Blowers







Call for additional OEM PRICING – we carry major manufacturers.

DC Brushless Tubeaxial Fans & Blowers

★5V Web Code: TAS







* 12V Web Code: LBZ





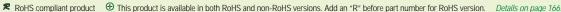
mm to Inches Conversion Chart

mm	6.8	10	15	20	25	28	30	32	35	38	40	45	51	60	76	80	92	95	97	120	127	150	172
Inches	0.27	0.40	0.60	0.80	1.00	1.10	1.18	1.26	1.40	1.50	1.60	1.80	2.00	2.36	2.99	3.15	3.63	3.74	3.82	4.69	5.00	5.90	6.77

			Voltage	Size mm	Air Flow		Current	Power	Agency	Noise	Connection		Pric	ing	
Part No.	Manufacturer	Mfr. Part No.	(VDC)	(W x H x D)	(CFM)	Bearing	(mA)	(Watts)	Approvals	(dBA)	(Leads)	1	10	50	100
131247	Adda 🗷	AD0205LX-G50	5	25 x 25 x 10	1.8	Sleeve	100	0.5	UL/CSA/CE	15.6	5.5"	\$14.95	\$13.49	\$11.95	\$10.95
695050	Sunon	GM0502PFV2-8	5	25 x 25 x 10	3.0	Vapo	80	0.4	UL/CUL	16	5.5"	12.95	11.49	9.95	8.95
1708481	Sunon	KDE0502PHB3-8 (MS)	5	25 x 25 x 15	1.8	Ball	80	0.4	UL/CUL	16	4"	12.95	11.49	9.95	8.95
1928311	Adda	AD0305LB-K70	5	30 x 30 x 6.8	2.5	Ball	60	0.3	UL/CUL/TUV/CE	30	6"	13.95	12.49	10.95	9.95
1951211	Sunon	KDE0503PEV1-8 (MSN)	5	30 x 30 x 6.8	4.9	Vapo	180	0.9	UL/TUV/CE	28	6"	11.95	10.95	9.95	8.95
1951220	Sunon	KDE0503PEB3-8 (MSN)	5	30 x 30 x 6.8	4.9	Ball	180	0.9	UL/TUV/CE	28	6"	12.95	11.49	10.49	9.49
1950534	Sunon	KDE0503PFB1-8V	5	30 x 30 x 10	5.1	Ball	180	0.7	UL/TUV	22.5	5"	11.95	10.95	9.95	8.95
1708457	Sunon	KDE0504PEB3-8 (MS)	5	40 x 40 x 6.8	3.5	Ball	90	0.45	UL/CUL/TUV	20	6"	11.95	10.95	9.95	8.95
1928361	Adda	AD0405MB-K90(S)	5	40 x 40 x 6.8	5.5	Ball	90	0.45	UL/TUV/CE	25	6"	10.95	9.95	8.95	7.95
1928353	Adda	AD0405HB-K90	5	40 x 40 x 6.8	6.0	Ball	120	0.6	UL/CUL/TUV/CE	30	5"	11.95	10.95	9.95	8.95
1581249	Sunon	KDE0504PFB3-8	5	40 x 40 x 10	4.6	Ball	70	0.35	UL/CUL	23.5	12"	5.95	5.35	4.79	4.19
196373	Sunon	KD0504PFB2-8	5	40 x 40 x 10	5.5	Ball	90	0.5	UL/CUL	23	12"	8.95	7.95	6.95	5.95
1928370	Adda	AD0405HS-G70	5	40 x 40 x 10	6.7	Sleeve	190	0.95	UL/CUL/TUV/CE	25	3" w/conn	6.95	6.25	5.59	4.95
1536931	Sunon	KDE0504PFV2	5	40 x 40 x 10	7.0	Vapo	80	1.0	UL/CUL	27	12"	6.95	6.25	5.59	4.95
1581265	Sunon	KDE0504PFS1-8	5	40 x 40 x 10	7.0	Sleeve	110	0.6	UL/CUL	27	12"	6.95	6.25	5.59	4.95
1585442	Sunon	KDE0504FB2 (MS)	5	40 x 40 x 10	7.0	Ball	140	0.7	CE	27	12"	7.95	6.95	6.25	5.59
1951238	Sunon	KDE0504PFB1-OC	5	40 x 40 x 10	7.5	Ball	200	1.0	UL/CE	28	12"	7.95	6.95	6.25	5.59
1952741	Elina	KDC050420MB	5	40 x 40 x 20	6.8	Ball/Sleeve	210	1.0	UL/CUL/TUV	25.5	12"	7.95	6.95	6.25	5.59
1951406	Delta	AFB0405HD-ROO	5	40 x 40 x 20	8.5	Ball	400	2.0	UL/CUL/TUV/CE	33	12" ¹	8.95	7.95	6.95	5.95
1951060	Mechatronics	M5010M05C	5	51 x 51 x 10	6.4	Ball/Sleeve	60	0.3	UL/CUL/CE	24	12"	6.95	6.25	5.59	4.95
136494	Delta	AFB0505LA	5	51 x 51 x 10	7.4	Ball/Sleeve	80	0.4	UL/CE/CSA/VDE	26	11"	7.95	6.95	6.25	5.59
1950500	Sunon	KDE0505PFB1-8	5	51 x 51 x 10	10.2	Ball	170	0.9	UL/TUV	31.5	12"	8.95	7.95	6.95	6.25
136275	Delta [†]	BFB0505L	5	51 x 51 x 15	2.5	Ball	140	0.7	UL/CE/CSA/VDE	26.5	12"	9.95	8.95	7.95	6.95
136283	Elina	KDC050515MB	5	51 x 51 x 15	12.7	Ball/Sleeve	380	4.0	UL/CE/CUL/TUV	28	11"	8.95	7.95	6.95	6.25
1809936	Sunon 🕿	KD0505PHB2(GN)	5	51 x 51 x 15	12.7	Ball	180	0.8	UL/CUL/TUV/CE	27.8	12"	9.95	8.95	7.95	6.95
1809944	Sunon	KDE0506PHB3	5	60 x 60 x 15	15.2	Ball	240	1.2	UL/CUL/TUV/CE	26.5	12"	8.95	7.95	6.95	6.25
1708431	Sunon	KD0506PHB2	5	60 x 60 x 15	18.5	Ball	380	1.9	UL/CUL/TUV/CE	32	12"	9.95	8.95	7.95	6.95
1951414	Delta	AFB0605HD	5	60 x 60 x 20	16.6	Ball	240	1.2	UL/CUL/TUV/CE	28	12"	9.95	8.95	7.95	6.95
355493	Sunon	KD0506PTS3	5	60 x 60 x 25	15.9	Sleeve	230	1.2	UL/CUL/CE	26.7	6.5" w/conn	6.95	6.25	5.59	4.95
134869	Delta	AFB0605M	5	60 x 60 x 25	16.2	Ball	220	1.1	UL/CE/CSA/TUV	24.5	12"	7.95	6.95	6.25	5.59
1951078	Mechatronics	F6025E05B2-FS	5	60 x 60 x 25	24	Ball	700	3.5	UL/CUL	36	12" ²	8.95	7.95	6.95	6.25
1951086	Mechatronics	F8025E05B2-FS	5	80 x 80 x 25	46	Ball	800	4.0	UL/CUL	32	12" ²	9.95	8.95	7.95	6.95
1951094	Mechatronics	E9225M05B2-FS	5	92 x 92 x 25	44	Ball	560	2.8	UL/CUL	32	12" ²	9.95	8.95	7.95	6.95
1951107	Mechatronics	F1238L05B2-FS	5	120 x 120 x 38	94	Ball	800	4.0	UL/CUL	36	12" ²	10.95	9.95	8.95	7.95
1951641	Adda	AD0212LB-G50(GL)	12	25 x 25 x 10	1.8	Ball	70	0.84	UL/CUL/CE	15.6	5.5"	11.95	10.95	9.95	8.95
1708449	Sunon	KDE1202PFB1-8 (V)	12	25 x 25 x 10	3.1	Ball	83	1.0	UL/CUL	33	6"	11.95	10.95	9.95	8.95
212767	Sunon	KDE1203PFB3-8(V)	12	30 x 30 x 10	2.3	Ball	50	0.6	UL/CE	18.5	6"	9.95	8.95	7.95	6.95
1708465	Sunon	KDE1203PFB2-8 (MS)	12	30 x 30 x 10	3.0	Ball	66	0.8	UL/CUL	25	6"	10.95	9.95	8.95	7.95
212783	Sunon	KDE1203PFB1-8	12	30 x 30 x 10	3.5	Ball	75	0.9	UL/CUL/TUV/CE/VDE	27	5.9"	11.95	10.95	9.95	8.95
1928134	Adda	AD0312HB-D50	12	30 x 30 x 15	4.2	Ball	110	1.3	UL/CUL/TUV/CE	22.5	3" w/conn	7.95	6.95	5.95	4.95
212741	Sunon	KDE1235PFB2-8	12	36 x 36 x 10	4.5	Ball	60	0.8	UL/CUL/TUV/CE/VDE	21	5.9"	11.95	10.95	9.95	8.95
212759	Sunon &	KDE1235PFB1-8	12	36 x 36 x 10	5.2	Ball	80	1.0	UL/CUL/TUV/CE/VDE	25	5.9"	13.95	12.49	10.95	9.95
1951490	Adda	AD0412HB-K90	12	40 x 40 x 6.8	6.0	Ball/Sleeve	80	1.0	UL/CUL/TUV/CE	30	5.5"	8.95	7.95	7.19	6.49
1950526	Sunon	KD1204PFS3H	12	40 x 40 x 10	4.2	Sleeve	60	0.7	UL/TUV	22	12"	5.95	5.35	4.79	4.29
210797	Sunon 🗷	KD1204PFV3	12	40 x 40 x 10	4.9	Vapo	60	0.6	UL/CUL/TUV/CE	24	12"	5.95	5.35	4.79	4.29
279611		T401012VH	12	40 x 40 x 10	5.8	Ball	90	1.1	UL/CUL/TUV/CE	33.5	12"	4.95	4.49	3.95	3.59
212717	Toyo Sunon 🕿	KDE1204PFV2.11.MS.A.GN		40 x 40 x 10	6.5	Vapo	90	1.1	UL/CUL/TUV/CE/VDE		12"	5.95	5.35	4.79	4.29
1585469	Y.S. Tech	FD1240107B-2N	12	40 x 40 x 10	6.6	Ball	90	1.08	UL/CUL/TUV	29	6"	5.95	5.35	4.79	3.95
1928054	Adda	AD0412HB-G70	12	40 x 40 x 10 40 x 40 x 10	6.7	Ball	100	1.08	UL/CUL/TUV/CE	25	2.5" w/conn	5.95	5.35	4.79	4.29
290010	Adda	l i		1	i		100	1.2	UL/CUL/TUV/CE	25 25	10" w/conn	9.95	8.95	7.95	
l	Sunon	AD0412HB-G70 KDE1204PFS2-11	12 12	40 x 40 x 10	6.7	Ball	92			25 27					6.95 5.79
1950139			12	40 x 40 x 10	7.0	Sleeve		1.1	UL/CUL/TUV/CE	30	12"	7.95	7.19	6.49	
189691	Sunon 2	KD1204PFS1-11.GN	12	40 x 40 x 10	8.0	Sleeve	60	0.7	UL/CUL/TUV/CE		12"	7.95	7.19	6.49	5.79
212725	Sunon R	KDE1204PFV1	12	40 x 40 x 10	8.3	Vapo	110	1.4	UL/CUL/TUV/CE/VDE		12"	6.95	6.25	5.59	4.95
2078151	Sunon	KD1204PFB1 OCM	12	40 x 40 x 10	8.5	Ball	110	1.3	UL/CUL/TUV	35	5" w/conn	7.95	7.19	6.49	5.95
1708473	Sunon	KDE1204PFVX11.MS.A		40 x 40 x 10	9.5	Vapo	150	1.8	UL/CUL/TUV	39	12"	6.95	6.25	5.59	4.95
136178	Adda	ADO412MS-C70	12	40 x 40 x 20	5.0	Sleeve	110	1.32	UL/CSA	23	9"	7.95	6.95	6.25	5.59

^{1 3} leads; speed sensor ² 3 leads; locked rotor protection (These functions are optional, if needed)

[†] Blower





ROLLS RoHS Compliant Product RoHS Also Available

6.8

mm

DC Brushless Tubeaxial Fans & Blowers

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DC Brushless Tubeaxial Fans & Blowers (Continued)



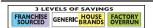




mm to Inches Conversion Chart

Inches	0.27 0.4	0 0.60 0.80 1.	.00 1.10	1.18 1.26	1.40 1.5	0 1.60	1.80 2.	00 2.	36 2.99 3.15	3.63	3 3.74	3.82 4	.69 5.0	0 5.90	6.77
			Voltage	Size mm	Air Flow		Current	Power	Agency	Noise	Connection		Pric		
Part No.	Manufacturer	Mfr. Part No.	(VDC)	(W x H x D)	(CFM)	Bearing	(mA)	(Watts)	Approvals	(dBA)	(Leads)	1	10	50	100
1809856	Sunon	GM1204PKV3-A	12	40 x 40 x 20	6.3	Vapo	50	0.6	UL/CSA/TUV	18	12"	\$6.95	\$6.25	\$5.59	\$4.95
195899	Sunon	KDE1204PKS2	12	40 x 40 x 20	6.5	Sleeve	70	0.9	UL/CSA/TUV	25.5	12"	6.95	6.25	5.59	4.95
279620	Toyo	T402012H	12	40 x 40 x 20	6.7	Ball	70	0.84	UL/CUL/TUV/CE	26.2	12"	6.95	6.25	5.59	4.95
249375	Adda	ADO412HB-C56	12	40 x 40 x 20	9.2	Ball	100	1.1	UL/CUL/TUV/CE	39.3	2" 1	6.95	6.25	5.59	4.95
687754	Sunon	KDE1204PKSX-8	12	40 x 40 x 20	9.5	Sleeve	90	1.1	UL/CSA	28	11"	6.95	6.25	5.59	4.95
206164	Sunon &	KDE1204PKBX-8	12	40 x 40 x 20	10	Ball	90	1.1	UL/TUV/CE	29.4	17"	9.95	8.95	7.95	6.95
1928118	Adda	AD4012HB-C50	12	40 x 40 x 20	10.5	Ball	100	1.2	UL/CUL/TUV/CE	31.9	12"	8.95	7.95	6.95	6.25
1585291	Sunon	GM1204PKVX-A	12	40 x 40 x 20	10.8	Vapo	130	1.60	UL/CUL/CSA	27.5	5"	6.95	6.25	5.59	4.95
1951246	Sunon	PMD1204PQBX-A(2)	12	40 x 40 x 28	23.5	Ball	570	6.8	UL/CE	51.5	12"	14.95	13.49	11.95	10.95
1951254	Sunon	PMD1204PQBX-A(2)F	12	40 x 40 x 28	23.5	Ball	570	6.8	UL/CE	51.5	12" ¹	14.95	13.49	11.95	10.95
1950753	Rotron	CR4512MB-G70	12	45 x 45 x 10	6.9	Ball	70	0.8	UL/CUL/CE/TUV	21.6	12"	6.95	6.25	5.59	4.95
212688	Sunon 🕿	KDE1245PFV1-11	12	45 x 45 x 10	11	Vapo	110	1.3	UL/CUL/TUV/CE/VDE	32	12"	6.95	6.25	5.59	4.95
1918809	Jamicon	KF0510B1M	12	51 x 51 x 10	9.27	Ball	80	0.8	UL/CUL/TUV/CE	26.6	10.5"	5.95	5.35	4.79	4.29
1950446	Sunon	KD1205PFB1(2)H	12	51 x 51 x 10	11.4	Ball	130	1.6	UL/TUV	34.7	12"	6.95	6.25	5.59	4.95
1809821	Sunon	GM1205PFVX-AR	12	51 x 51 x 10	12.4	Vapo	80	1	UL/CUL/TUV	36	12" ²	6.95	6.25	5.59	4.95
125006	Nidec †	A33999-16	12	51 x 51 x 15	4.0	Ball	170	2.04	UL/CE	46	11"	9.95	8.95	7.95	6.95
139601	Adda ⊕	AD0512HS-D71	12	51 x 51 x 15	12	Sleeve	100	1.2	UL/CSA/CE	29	5"	8.95	7.95	6.95	6.25
1809813	Sunon	GM1205PHV1-AR	12	51 x 51 x 15	17	Vapo	130	1.5	UL/CUL/TUV/CE	33	12" ²	6.95	6.25	5.59	4.95
1946025	Evercool 2	EC6010M12CA	12	60 x 60 x 10	15.5	Ball	160	1.9	UL/CE/TUV	30	9" 1	8.95	7.95	6.95	6.25
354933	Delta	EFB0612MA-F00	12	60 x 60 x 10	15.5	Ball	80	0.95	UL/CSA/VDE/CE	29	12" 1	8.95	7.95	6.95	6.25
1928046	Adda	AD0612LX-D70GL	12	60 x 60 x 15	12	Hypro	90	1.08	UL/CUL/TUV/CE	27.2	8"	7.95	6.95	6.25	5.59
2078178	Delta	AFB0612MB	12	60 x 60 x 15	13.4	Ball	80	0.96	UL/CUL/TUV/CE	29	12"	7.95	6.95	6.25	5.59
	Adda 🕿				ı				UL/CSA/TUV/CE		6"				
195945		AD612MS-D71GL	12	60 x 60 x 15	14.2	Sleeve	110	1.32		28.8		8.95	7.95	6.95	6.25
249069	Jamicon 🗷	JF0615B1H-000-243	12	60 x 60 x 15	15.7	Ball	170	2.04	UL/CUL/TUV/CE	34	12"	9.95	8.95	7.95	6.95
1951140	Nidec	TA225CD-R33965-33	12	60 x 60 x 15	18	Ball	160	1.92	UL/CSA	30.8	12" 1	9.95	8.95	7.95	6.95
687771	Sunon	KDE1206PHS1	12	60 x 60 x 15	21	Sleeve	150	1.8	UL/CSA/TUV/CE	36	11"	8.95	7.95	6.95	6.25
1585400	Sunon	KDE1206PHB1	12	60 x 60 x 15	21	Ball	150	1.8	UL/CSA/CE	37.5	11"	10.95	9.95	8.95	7.95
1537141	Sunon	KDE1206PHB1H.H	12	60 x 60 x 15	21	Ball	150	1.8	UL/CUL/CE	37.5	12" ²	9.95	8.95	7.95	6.95
144161	Adda 🕿	AD0612LB-C70GL	12	60 x 60 x 20	12.6	Ball	80	1.0	UL/CSA/TUV	22.7	6"	9.95	8.95	7.95	6.95
1809961	Sunon	KDE1206PKV3.13.MS.A	12	60 x 60 x 20	15	Vapo	70	0.8	UL/CUL/TUV/CE	25	12"	5.95	5.39	4.79	4.39
1928126	Adda	AD0612HB-C70GL	12	60 x 60 x 20	16.3	Ball	160	1.92	UL/CSA/TUV/CE	31	12"	7.95	6.95	6.25	5.59
189595	Sunon	KD1206PKS2	12	60 x 60 x 20	16.5	Sleeve	150	1.8	UL/CSA/TUV/CE	31	12"	7.95	6.95	6.25	5.59
119635	Delta/Fonsan	DFD0612H	12	60 x 60 x 20	17.7	Ball	110	1.3	UL/CE/CSA/VDE	30	12"	7.95	6.95	6.25	5.59
1951182	Sunon	KDE1206PKV2 MS.A.GN	12	60 x 60 x 20	18.5	Vapo	90	0.8	UL/CE	27.5	11"	9.95	8.95	7.95	6.95
114682	Delta [†]	AFB0612VHD	12	60 x 60 x 20	30	Ball	270	2.4	UL/CE/CSA/VDE	39.5	12"	10.95	9.95	8.95	7.95
1810101	Japan Servo	TUDC12Z4F-022	12	60 x 60 x 25	19	Ball	140	1.8	UL/CSA/TUV	32	5" w/ conn	6.95	6.25	5.59	4.95
1951131	Nidec	TA225DC-M33455-16	12	60 x 60 x 25	20	Ball	220	2.64	UL/CSA	29.4	12"	8.95	7.95	6.95	6.25
102947	Jamicon	JF0625S1H	12	60 x 60 x 25	20.5	Sleeve	230	2.7	UL/CUL/TUV	33.6	12"	7.95	6.95	6.25	5.59
150422	Jamicon 🕿	JF0625B1H	12	60 x 60 x 25	21.4	Ball	230	2.7	UL/CSA/TUV	30.5	10"	8.95	7.95	6.95	6.25
195910	Sunon &	KD1206PTS1-H	12	60 x 60 x 25	21.7	Sleeve	190	2.3	UL/CSA/TUV	34	12"	8.95	7.95	6.95	6.25
1952206	Sunon	KD1206PTB1	12	60 x 60 x 25	22.5	Ball	160	2.0	UL/CUL/TUV/CE	34	5" w/ conn	8.95	7.95	6.95	6.25
114674	Delta	AFB0612HH-R00	12	60 x 60 x 25	23	Ball	180	2.16	UL/CE/CSA/VDE	33	12" ²	9.95	8.95	7.95	6.95
1919140	Sunon 🗷	KD1206PTB1(2)	12	60 x 60 x 25	23.5	Ball	148	1.8	UL/CUL/TUV/CE	30	12" ¹	9.95	8.95	7.95	6.95
1951043	Mechatronics	6025E12B3-FS	12	60 x 60 x 25	24	Ball	230	3.5	UL/CUL	36	12" <mark>4</mark>	8.95	7.95	6.95	6.25
1951158	Nidec	TA225DC-M34418-33L		60 x 60 x 25	25	Ball	280	3.36	UL/CSA	31.5	12" ¹	9.95	8.95	7.95	6.95
123941	Nidec	D07R-12TL018	12	70 x 70 x 15	19.8	Ball	80	0.96	UL/CSA	27	23" 2	10.95	9.95	8.95	7.95
644842	Evercool [†]	EC7530M12S-B	12	76 x 72 x 30	10.8	Sleeve	170	2.0	UL/CE/TUV	30	8" w/ conn	12.95	11.49	9.95	8.95
1951174	Nidec †	GAMMA28-A34351-16		76 x 76 x 30	10.0	Ball	230	2.76	UL/CSA	39	11"	14.95	13.49	11.95	9.95
614951	Delta [†]	BFB0712H	12	76 x 76 x 30	11.3	Ball	220	2.64	UL/CE/CSA/VDE	38	12"	14.95	13.49	11.95	10.95
132951	Shicon	A0815-12HV	12	80 x 80 x 15	18.4	Ball/Sleeve	200	2.4		32	12" 1	6.95	6.25	5.59	4.95
401269	Delta	AFB0812LB	12	80 x 80 x 15	24.7	Ball	140	1.68	UL/CSA/TUV	27.5	10"	8.95	7.95	6.95	6.25
										27.5	12"				
1950163	Sunon	KD1208PHB3H	12	80 x 80 x 15	25.5	Ball	120	1.4	CE			8.95	7.95	6.95	6.25
109081	Adda ⊕	AD0812HS-D71	12	80 x 80 x 15	29	Sleeve	190	2.3	UL/CSA/TUV/CE	31.4	12"	9.95	8.95	7.95	6.95
1708570	Sunon	KD1208PHB1-AH	12	80 x 80 x 15	35	Ball	240	2.9	UL/CUL/TUV/CE	39.5	12"	9.95	8.95	7.95	6.95
1809987	Sunon	KDE1208PHV1.13.MS.A	12	80 x 80 x 15	40	Vapo	200	2.4	UL/CUL/TUV/CE	34	12"	9.95	8.95	7.95	6.95
141921	Adda 🕿	AD0812HB-C70	12	80 x 80 x 20	27.3	Ball	240	2.9	UL/CSA/CE	34	12"	10.95	9.95	8.95	7.95
1708596	Sunon	KD1208PKB3(2).H	12	80 x 80 x 20	31	Ball	108	1.3	UL/CULTUV/CE	33	12"	10.95	9.95	8.95	7.95

1 3 leads; speed sensor 2 3 leads; locked rotor protection 3 Temperature sensor 4 Thermistor speed control (These functions are optional, if needed) † Blower Fans continued on next page * For Complete Specs & Additional Product Listings Search $\underline{www.Jameco.com/More}$ and Enter Web Code Listed Above





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DC Brushless Tubeaxial Fans & Blowers (Continued)

* 12V Web Code: LBZ



*24V Web Code: QEF





mm to Inches Conversion Chart

6.8 10 15 25 30 32 45 92 95 97 120 127 150 172 2.36 Inches 0.27 0.40 0.60 0.80 1.00 1.10 1.18 1.26 1.40 1.50 1.60 1.80 2.00 2.99 3.15 3.63 3.74 3.82 4.69 5.00 5.90 6.77

	1		Voltage	Size mm	Air Flow		Current	Power	Agonou	Noise	Connection		Pric	ina	
Part No.	Manufacturer	Mfr. Part No.	(VDC)	(W x H x D)	(CFM)	Bearing	(mA)	(Watts)	Agency Approvals	(dBA)	(Leads)	1	10	50	100
1537301	Panaflo	FBA08A12L	12	80 x 80 x 25	24	Sleeve	68	0.82	UL/CSA	21	11.5"	\$6.95	\$6.25	\$5.59	\$4.95
688597	NMB	3110GL-B4W-B19	12	80 x 80 x 25	24.7	Ball	100	1.2	UL/CSA/TUV/CE	22	7" w/ conn.1	5.95	5.35	4.79	4.29
75361	Various	FAN6*	12	80 x 80 x 25	25-40	Ball	120-200	1-2	UL/CSA	25	7-12"	5.95	4.95	4.49	3.95
234895	Adda 🕿	AD0812LB-A70GL	12	80 x 80 x 25	27.6	Ball	120	1.44	UL/CSA/CE/TUV	22.5	9"	8.95	7.95	6.95	6.25
154289	Sunon 🕿	KDE1208PTS3-6	12	80 x 80 x 25	29.4	Sleeve	120	1.4	UL/CSA/TUV/CE	24.5	12"	9.95	8.95	7.95	6.95
1952759	Max Flow	MF8025D1-LSPS	12	80 x 80 x 25	31.1	Sleeve	130	1.56	UL	29	7" w/ conn.	6.95	6.25	5.59	4.95
123530	Adda 🗷	AD0812MS-A70GL	12	80 x 80 x 25	32	Sleeve	150	1.8	UL/CSA/TUV	28.3	12"	7.95	6.95	6.25	5.59
1955010	NMB	3110KL-04W-B40	12	80 x 80 x 25	35.3	Ball	200	2.40	UL/CSA/TUV/CE	31	13"	6.95	6.25	5.59	4.95
1950147	Sunon	KD1208PTB2(2)HM	12	80 x 80 x 25	36	Ball	160	2.1	UL/CE/TUV	29	11" 1	7.95	6.95	6.25	5.59
1810030	Sanyo Denki	109R0812H4011	12	80 x 80 x 25	36.4	Ball	130	1.56	UL/CSA/TUV	29	12" ¹	8.95	7.95	6.95	5.95
1537387	Sunon 🗷	KD1208PTB213.(2).GN	12	80 x 80 x 25	37	Ball	110	1.3	UL/CUL/TUV/CE	32	11.5" w/ conn.	10.95	9.95	8.95	7.95
212636	Sanyo Denki	109L0812H4D01	12	80 x 80 x 25	37.4	Ball	180	2.16	UL/CSA/TUV	32	5.5" 2	6.95	6.25	5.59	4.95
1928038	Adda	AD0812HS-A70GL	12	80 x 80 x 25	38.6	Sleeve	250	3.0	UL/CSA/TUV/CE	34.4	12"	5.95	5.35	4.79	4.29
1928100	Adda	AD0812HX-A70GL	12	80 x 80 x 25	38.6	Hydro wave	250	3.0	UL/CSA/TUV/CE	34	12"	5.95	5.35	4.79	4.29
2078194	Adda 🖸	AD0812HS-A73	12	80 x 80 x 25	38.6	Sleeve	250	3.0	UL/CSA/TUV	34.3	12" 1	6.95	6.25	5.59	4.95
662661	NMB-MAT ₹	FBA08A12H1BS	12	80 x 80 x 25	39.6	Hydro wave	173	2.1	UL/CSA/TUV	32	12" ²	6.95	6.25	5.59	4.95
1585477	Sunon	KD1208PTS1-13	12	80 x 80 x 25	40	Sleeve	160	1.90	UL/CUL/TUV/CE	33	12"	5.95	5.35	4.79	4.49
1950569	Sunon	KD1208PTS1 H.M	12	80 x 80 x 25	40	Sleeve	160	2.6	UL/CE	33	12" ¹	5.95	5.35	4.79	4.39
1810021	Sunon	KDE1208PTV1.13.MS.A	12	80 x 80 x 25	40	Vapo	160	1.9	UL/CUL/TUV/CE	33	12"	6.95	6.35	5.59	4.95
1708490	Sunon	KDE1208PTB1-13.MS(2)A	12	80 x 80 x 25	41	Dual Ball	150	1.8	UL/CUL/TUV/CE	35	12"	7.95	6.95	6.25	5.59
206181	Sunon	KDE1208PTS1-6	12	80 x 80 x 25	42	Sleeve	220	2.6	UL/CSA/TUV/CE	34	9"	7.95	6.95	6.25	5.59
355400	JamecoRP ⊕	JR-DCF-128025B1	12	80 x 80 x 25	42	Ball	230	2.8	UL/CUL/TUV/CE	28.6	11.5"	8.95	7.95	6.95	6.25
1810110	Sunon	KDE1208PTB1-6AF318	12	80 x 80 x 25	42.5	Ball	190	2.3	UL/CUL/TUV/CE	36.5	10" ²	8.95	7.95	6.95	6.25
1954931	Comair Rotron	FE12K7X	12	80 x 80 x 25	45	Ball	250	3.0	UL/CSA/TUV/CE	40.8	11" 1	10.95	9.95	8.95	7.95
1918729	Jamicon	JF0825S1SR	12	80 x 80 x 25	45.5	Sleeve	260	3.12	UL/CUL/TUV/CE	35.8	12" w/ conn.	7.95	6.95	6.25	5.59
421526	Panasonic	FBA08A12U-1AZ	12	80 x 80 x 25	47	Sleeve	360	4.32	UL/CSA	38.2	11"	7.95	6.95	6.25	5.59
1809995	Sunon	KDE1208PTBX-6A(318)	12	80 x 80 x 25	50.6	Ball	360	4.3	UL/CUL/TUV/CE	40.5	12"	15.95	14.95	12.95	11.49
2081078	Jamicon 🕿	JF0825B1UR	12	80 x 80 x 25	52	Dual Ball	370	4.4	UL/CUL/TUV/CE	40	12"	11.95	10.95	9.95	8.95
107406	EBM Papst	8312GHL	12	80 x 80 x 32	39.4	Sleeve	330	4.0	UL/CE/CSA/VDE	43	12"	19.95	17.95	15.95	14.95
1951166	Nidec	TA350DC-M33416-16	12	92 x 92 x 25	28	Ball	110	1.32	UL/CSA	19.5	11"	7.95	6.95	6.25	5.59
1928089	Adda	AD0912LS-A70GL	12	92 x 92 x 25	32.4	Sleeve	130	1.6	UL/CUL/TUV/CE	23.5	12"	7.95	6.95	6.25	5.59
1952783	Nidec	TA350DC-M34138-34	12	92 x 92 x 25	35	Ball	160	1.92	UL/CSA	26.4	10" w/ conn.5	8.95	7.95	6.95	6.25
1952257	AVC	C9025S12L	12	92 x 92 x 25	37.2	Sleeve	150	1.8	UL/CUL/TUV/CE	26.2	5.5" ¹	8.95	7.95	6.95	6.25
1928097	Adda	AD0912LX-A70GL	12	92 x 92 x 25	37.9	Hypro	120	1.44	UL/CUL/TUV/CE	26.5	12"	9.95	8.95	7.95	6.95
1928003	Adda	AD0912MB-A71GL	12	92 x 92 x 25	44.2	Ball	170	2.0	UL/CUL/TUV/CE	32.7	12"	10.95	9.95	8.95	7.95
154641	Nidec	TA350DC-M33422-16	12	92 x 92 x 25	48	Ball	290	3.5	UL/CSA	43	12"	9.95	8.95	7.95	6.95
1952880	Nidec	TA350DC-M33422-57G4	12	92 x 92 x 25	48	Ball	290	3.48	UL/CSA	35	10" w/ conn.3	8.95	7.95	6.95	6.25
1952935	Sunon	KD1209FTB2-6	12	92 x 92 x 25	48	Dual Ball	160	2.1	UL/CSA/TUV/CE	32	25" w/ conn.3	10.95	9.95	8.95	7.95
190984	Sunon 🗷	KD1209PTB1-6A	12	92 x 92 x 25	51	Ball	220	2.6	UL/CSA/TUV	34	12"	11.95	10.95	9.95	8.95
207061	AVC	C9025S12H	12	92 x 92 x 25	52	Sleeve	160	3.8	UL/CUL/TUV/CE	34	6" w/ conn.1	7.95	6.95	5.95	4.95
1952767	NMB	3610KL-04W-B56PS9	12	92 x 92 x 25	54.7	Ball	315	3.8	UL/CSA/TUV/CE	41	7" w/ conn.6	7.95	6.95	5.95	4.95
162739	NMB (Smart Fan)	3610KL-04W-B56	12	92 x 92 x 25	55	Ball	430	3.8	UL/CSA/VDE/CE	37	10" ³	6.95	6.25	5.59	4.95
1952951	NMB	3610KL-04W-B56PS6	12	92 x 92 x 25	55	Ball	315	3.8	UL/CSA/TUV/CE	41	9" w/ conn.2	7.95	6.95	5.95	4.95
102963	Nidec	TA350DC-M33503-55	12	92 x 92 x 25	56	Ball	400	4.8	UL/CSA	45	8"	7.95	6.95	5.95	4.95
1776281	Delta	AFB0912HH	12	92 x 92 x 25	57.9	Ball	250	3.0	UL/CSA/VDE/CE	38	12"	9.95	8.95	7.95	6.95
644893	Evercool [†]	EC9733M12S-B	12	97 x 92 x 33	19.4	Sleeve	200	2.4	UL/CE/TUV	30	8" w/ conn.	14.95	13.49	11.95	10.95
1951481	Delta/Dell	AFC0912DE-U4218	12	92 x 92 x 38	160	Dual Ball	2500	30	UL/CSA/TUV/CE	63	10" w/ conn.5	14.95	13.49	11.95	10.95
207062	Sony [†] ₹	SFF22C	6-12	97 x 104 x 35	38	Ball	1600	19.2	UL/CSA	51	15" w/ conn.1	14.95	13.49	11.95	10.95
174140	Common Wealth	FP108MS3	12	120 x 120 x 25	54	Sleeve	140	1.7	UL/CSA/TUV/CE	25	12"	12.95	11.49	10.49	9.49
689231	Sunon	KDE1212PTS3-6A	12	120 x 120 x 25	67	Sleeve	200	2.4	UL/CUL/TUV/CE	35	12"	14.95	13.49	11.95	10.95

^{1 3} leads; speed sensor 2 3 leads; locked rotor protection 3 Temperature sensor 4 Thermistor speed control 5 4 leads; wired for Dell proprietary PWM circuit control w/ tach (blue), lock rotor (yellow) & fan guard

🗷 RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.



6.8

mm

Call for additional OEM PRICING – we carry major manufacturers.

DC Brushless Tubeaxial Fans (Continued)

* 12V Web Code: LBZ

30

32

1.26

28



38



45

51

*24V Web Code: QEF

76

2.99

80





6.77

10

0.40

15

20

0.80

25

1.00

mm to Inches Conversion Chart 40

1.50 1.60 1.80 2.00

95

92

97 120 127 150 172

Dowl N-	Manufacture	May Doub No	Voltage	Size mm	Air Flow	Doo-!	Current	Power	Agency	Noise	Connection	-	Pric		_
Part No.	Manufacturer	Mfr. Part No.	(VDC)	(W x H x D)	(CFM)	Bearing	(mA)	(Watts)	Approvals	(dBA)	(Leads)	1 05	10	50	1
27901	Common Wealth 🗷	FP-108M-S1-B	12	120 x 120 x 25	80	Ball	330	4.0	UL/CSA/VDE/CE	42	12"	\$14.95	\$13.49	\$11.95	\$10
63848	Mechatronics	E1225H12B	12	120 x 120 x 25	82	Ball	385	4.62	UL/CUL/TUV	40	3.5"	9.95	8.95	7.95	6
928020	Adda	AD1212HB-A71GL	12	120 x 120 x 25	85.2	Ball	370	4.5	UL/CUL/TUV/CE	39.1	12"	13.95	12.49	10.95	9
1952231	Turbofan	TA1225E12BS	12	120 x 120 x 25	93	Ball	580	7.0	UL/CSA/TUV	44	13"	10.95	9.95	8.95	7
1537133	Delta	WFB1212HH	12	120 x 120 x 25	95.4	Ball	610	7.3	UL/CSA/CE	42.5	4" w/ conn.	9.95	8.95	7.95	(
1928011	Adda	AD1212US-A71GL	12	120 x 120 x 25	98.6	Sleeve	500	6.0	UL/CUL/TUV/CE	39.1	2" w/ conn.	6.95	5.95	4.95	;
1951431	Elina	HDF1225L-12HHB	12	120 x 120 x 25	106	Ball	580	7.0	UL/CUL/TUV	52	11"	11.95	10.95	9.95	
1585389	Japan Servo	CNDC12B4C-016	12	120 x 120 x 38	99	Ball	380	4.6	UL/CSA/TUV	40	12"	9.95	8.95	7.95	
86516	Adda	AD1212HB-F51	12	120 x 120 x 38	104.8	Ball	500	6	UL/CUL/CSA/TUV/CE	42.8	11" w/ conn.	13.95	12.49	10.95	,
580271	EBM Pabst 🗷	4182NX-12	12	120 x 120 x 38	106	Ball	380	4.5	UL/CSA/VDE	49	Terminal ¹	19.95	17.95	15.95	1.
4626	Sunon 🕿	KD1212PMB1-6A	12	120 x 120 x 38	108	Ball	570	6.8	UL/CUL/TUV/CE	42	12"	13.95	11.49	10.49	
954703	Mechatronics	F1238H12B2-FS	12	120 x 120 x 38	112	Ball	440	5.3	UL/TUV	41	10" w/ conn. ²	11.95	10.95	9.95	
952791	NMB	4715KL-04W-B46	12	120 x 120 x 38	118	Ball	900	8.4	UL/CSA/TUV/CE	47	6" w/ conn. ²	8.95	7.95	6.95	
955028	NMB	4715KL-04W-B49	12	120 x 120 x 38	118	Ball	700	8.4	UL/CSA/TUV/CE	46	12" w/ conn. 1	9.95	8.95	7.95	
951318	Nidec ₹	VA450DC-35625-35	12	120 x 120 x 38	230	Ball	360	4.3	_	47	11" 1,2	15.95	14.49	12.95	1
537467	Comair	JQ12B7X	12	172 x 150 x 51	235	Ball	2260	25.2	UL/CSA/TUV/CE	54.3	12" ²	22.95	19.95	17.95	1
928281	Adda	AD0424HB-G70	24	40 x 40 x 10	6.7	Ball	90	2.16	UL/CUL/TUV/CE	25	10"	11.95	10.95	9.95	
00910	Sunon 🗷	KD2404PKS2.GNS2	24	40 x 40 x 20	6.5	Sleeve	500	12	UL/CUL/TUV	25.5	12"	7.95	7.19	6.49	
951473	Delta	AFB0424MD	24	40 x 40 x 20	7.0	Ball	60	1.44	UL/CSA/TUV/CE	30	2" w/ conn.	8.95	7.95	6.95	
776290	Delta	EFB0424HD	24	40 x 40 x 20	8.5	Ball	60	1.44	UL/CSA/VDE/CE	28.5	13"	12.95	11.49	9.95	
951502	Adda	AD0424HB-C56	24	40 x 40 x 20	10.1	Ball	90	2.16	UL/CUL/TUV/CE	31.9	12" 1	10.95	9.95	8.95	
708422	Sunon	KDE2406PHS3	24	60 x 60 x 15	15	Sleeve	50	1.2	UL/CUL/TUV/CE	31	12"	7.95	6.95	6.25	
87818	Sunon	KDE2406PHB2	24	60 x 60 x 15	18	Ball	56	1.3	UL/CUL/TUV/CE	31	11'	9.95	8.95	7.95	
12652	Delta/Fonsan	DFD0624H	24	60 x 60 x 20	17.7	Ball	100	2.4	UL/CE/CSA/TUV	30	12"	7.95	6.95	6.25	
40661	NMB	2408NL-05W-B60	24	60 x 60 x 20	18.4	Ball	100	2.4	UL/CSA/TUV/CE	31	2" w/ conn.	5.95	4.95	4.49	
951191	Sunon	KDE2406PKV2MS.AGN		60 x 60 x 20	18.5	Vapo	90	1.1	UL/CE	27.5	11"	7.95	6.95	6.25	
954922	NMB	2410ML-05W-B10	24	60 x 60 x 25	10.5	Ball	60	1.44	UL/CSA/TUV/CE	23	13"	7.95	6.95	5.59	
	Jamicon 🕿	JF0625B2M	24				130		UL/CSA/TUV/CE	28.5	10"	9.95	8.95	7.95	
89861				60 x 60 x 25	18	Ball		3.1			10" 2				
952177	Japan Servo	TUDC24Z4P-029	24	60 x 60 x 25	19	Ball	80	1.8	UL/CSA/TUV	32		7.95	6.95	6.25	
2076324	Jamicon	JF0625B2H-005-065R	24	60 x 60 x 25	21.4	Dual Ball	120	2.88	UL/CSA/TUV/CE	34.1	11"	8.95	7.95	6.95	
12628	Adda	AD0624HS-A70GL	24	60 x 60 x 25	23.2	Sleeve	150	3.6	UL/CSA/TUV/CE	32.3	17" w/ conn.	7.95	6.95	6.25	
928337	Adda	AD624HX-A70GL	24	60 x 60 x 25	23.2	Hypro	150	3.6	UL/CSA/TUV/CE	32.3	12"	8.95	7.95	6.95	
928071	Adda	AD0624HB-A70GL	24	60 x 60 x 25	24	Ball	150	3.6	UL/CSA/TUV/CE	33.9	12"	9.95	8.95	7.95	
1809848	Sunon	PMD2406PTB1-A	24	60 x 60 x 25	35.8	Ball	220	5.3	UL/CUL/TUV/CE	48.8	12"	9.95	8.95	7.95	
928345	Adda	AD0824HX-D71L	24	80 x 80 x 15	29	Hypro	130	3.12	UL/CUL/TUV/CE	33.5	12"	9.95	8.95	7.95	
809864	Sunon	PMD2408PMB1-A	24	80 x 80 x 25	24	Ball	400	9.6	UL/CUL/TUV	55.2	12"	7.95	6.95	6.25	
90029	Jamicon 🗷	JF0825B2M	24	80 x 80 x 25	31.7	Ball	130	3.1	UL/CUL/TUV/CE	29.3	10"	8.95	7.95	6.95	
62653	Panaflo	FBO8A24M1A	24	80 x 80 x 25	32.1	Sleeve	100	2.4	UL/CSA	28	11.5"	8.95	7.95	6.95	
36161	Jamicon 🗷	JF0825B2H	24	80 x 80 x 25	39.2	Ball	150	3.6	UL/CSA/TUV	31	12"	9.95	8.95	7.95	
809952	Sunon	KDE2408PTB1-6A	24	80 x 80 x 25	42.5	Ball	110	2.6	UL/CUL/TUV/CE	36.5	12"	9.95	8.95	7.95	
928388	Adda	AD0824UB-A72GL	24	80 x 80 x 25	50	Ball	260	6.24	UL/CUL/CE	41	12" ²	8.95	7.95	6.95	
580422	EBM Pabst 🗷	8314/12	24	80 x 80 x 32	31.8	Ball	245	2.5	UL/CUL/CSA/VDE	36	11" w/ conn. 1	19.95	17.95	15.95	1
06965	Sunon	PMD2408PMB2-A	24	80 x 80 x 38	74.5	Ball	300	7.2	UL/CUL/CSA/VDE	52	12"	19.95	17.95	15.95	1
951051	Mechatronics	E9225L24B1-FS	24	92 x 92 x 25	35	Ball	85	2.04	UL/CUL	27	12" ¹	9.95	8.95	7.95	
708502	Sunon	KDE2405PTS3-6	24	92 x 92 x 25	39	Sleeve	112	2.7	UL/CUL/TUV/CE	27	12"	12.95	11.49	9.95	
928329	Adda	AD0924HX-A70GL	24	92 x 92 x 25	50	Hypro	150	3.6	UL/CUL/TUV/CE	33.7	12"	9.95	8.95	7.95	
95042	Sunon 🕿	KD2409PTB1-13AGN	24	92 x 92 x 25	51	Ball	140	3.4	UL/CE/TUV	37	12"	10.95	9.95	8.95	
928302	Adda	AD0924US-A71GL	24	92 x 92 x 25	57.8	Sleeve	210	5.04	UL/CUL/TUV/CE	38.6	12"	12.95	11.49	9.95	
104890	EBM Pabst 🗷	3314/12	24	92 x 92 x 32	47.1	Ball	140	3.4	UL/CE/TUV	37	12" 1	14.95	13.49	11.95	1
1951465	Delta	FFB0924VHE	24	92 x 92 x 38	85	Ball	280	6.7	UL/CSA/VDE/CE	47	12"	14.95	13.49	11.95	1

1 3 leads; speed sensor 2 3 leads; locked rotor protection (These functions are optional, if needed)

Fans continued on next page



The Best Warranty in the Industry

All Jameco purchases are guaranteed for a full 90 days and even longer for Jameco House Brands.



Call for additional OEM PRICING - we carry major manufacturers.





DC Brushless Tubeaxial Fans & Blowers (Continued)

*24V Web Code: QEF













NEW

mm	6.8	10	15	20	25	28	30	32	35	38	40	45	51	60	76	80	92	95	97	120	127	150	172
Inches	0.27	0.40	0.60	0.80	1.00	1.10	1.18	1.26	1.40	1.50	1.60	1.80	2.00	2.36	2.99	3.15	3.63	3.74	3.82	4.69	5.00	5.90	6.77

mm to Inches Conversion Chart

			Voltage	Size mm	Air Flow		Current	Power	Agency	Noise	Connection		Pric	cing	
Part No.	Manufacturer	Mfr. Part No.	(VDC)	(W x H x D)	(CFM)	Bearing	(mA)	(Watts)	Approvals	(dBA)	(Leads)	1	10	50	100
1809881	Sunon	KD2412PTB1-6A	24	120 x 120 x 25	90	Ball	220	5.3	UL/CUL/TUV/CE	44.5	12"	\$13.95	\$12.49	\$10.95	\$9.95
1951115	Nidec	TA450DC-A34350-16	24	120 x 120 x 25	92	Ball	180	4.32	UL/CSA	40.4	10"	11.95	10.95	9.95	8.95
1708537	Sunon ₹	KDE2412PMS3-6A	24	120 x 120 x 38	83	Sleeve	160	4	UL/CUL/TUV/CE	34	12"	12.95	11.49	9.95	8.95
694516	Jamicon 🕿	JF1238B2LR130-065R	24	120 x 120 x 38	84.5	Ball	130	3.12	UL/CSA/TUV/CE	33.8	9.5"	14.95	13.49	11.95	10.95
153411	Sunon	KD2412PMB2-6A	24	120 x 120 x 38	98	Ball	230	5.5	UL/CSA/TUV	36.5	12"	15.95	14.49	12.95	10.95
694524	Jamicon 🕿	JF1238B2MR130-065R	24	120 x 120 x 38	101.3	Ball	220	5.28	UL/CSA/TUV/CE	39.1	9.5"	17.95	15.95	14.49	12.95
107394	EBM Pabst	4294GH	24	120 x 120 x 38	108	Sleeve	220	5.3	UL/CE/CSA/TUV	49	Terminals	17.95	15.95	14.49	12.95
694532	Jamicon ₹	JF1238B2HR130-065R	24	120 x 120 x 38	118.7	Ball	310	7.44	UL/CSA/TUV/CE	43.8	9.5"	19.95	17.95	15.95	14.49
1809910	Sunon	KD2412PMSX-6A	24	120 x 120 x 38	119	Sleeve	300	7.2	UL/CUL/TUV/CE	45	12"	17.95	15.95	14.49	12.95
1951203	Sunon	PSD2412PMB1(2)	24	120 x 120 x 38	200	Ball	800	19.2	UL/CE/TUV	62	12"	19.95	17.95	15.95	14.49
297959	Delta †	BFB1224HE	24	125 x 126 x 34	27.2	Ball	340	8.1	UL/CE/CSA/TUV	50.5	12"	14.95	13.49	11.95	10.95
104265	EBM Pabst	5114N	24	135 x 135 x 38	147.1	Ball	395	9.5	UL/CSA/CE/VDE	48	12"	19.95	17.95	15.95	14.49
212662	EBM Pabst †	6424/8-139	24	172 x 150 x 51	241	Ball	750	18	UL/CUL/TUV	57	24" ²	19.95	17.95	15.95	14.49
212661	EBM Pabst†	6224N/8HT	24	172 Round x 51	241.3	Ball	750	18	UL/CE/CSA/VDE	55	12" ²	19.95	17.95	15.95	14.49
212644	Delta	AFB0948L	48	92 x 92 x 25	37	Ball	50	2.44	UL/CSA/TUV/CE	25	12"	14.95	13.49	11.95	10.95
212653	Delta 🗷 †	BFB1248HH	48	120 x 120 x 32	35.3	Ball	220	10.5	UL/CSA/CE/VDE	54	12"	17.95	15.95	14.49	12.95
1952960	Comair Rotron	MC48B6QDNX	48	120 x 120 x 32	102	Ball	180	8.4	UL/CSA/TUV/CE	48	11" w/ conn. 1	15.95	14.49	12.95	11.49
1951457	Delta	EFB1248HHF	48	120 x 120 x 32	120	Ball	140	6.72	UL/CSA/TUV/CE	50.5	6" w/ conn.	17.95	15.95	14.49	12.95
1952775	Orion	OD1232-48HB	48	120 x 120 x 32	120	Ball	180	8.6	UL/TUV/CE	51	12" <mark>2</mark>	19.95	17.95	15.95	14.49
1951422	Delta	FFB1248EHE-ROO	48	120 x 120 x 38	190	Ball	500	24	UL/CSA/TUV/CE	59	12" w/ conn. ²	17.95	15.95	14.49	12.95
689063	EBM Pabst	W2G115-AG75-85	48	127 x 127 x 38	155	Ball	310	15	UL/CUL	52	10" ¹	17.95	15.95	14.49	12.95
1954711	Delta	EFB1348HHE-SV06	48	127 x 127 x 38	185	Ball	360	17.28	UL/CSA/VDE/CE	55.5	26" ¹	19.95	17.95	15.95	14.49

† Blower

DC & AC Plug Fan Power Cords

11		Fig. 1 Straight Fig. 2	
Pigtail Fan Cord (A)	AC Plug Fan Cord (B)	Fig. 3 90.	

For Fans w/ Terminal Connection

Part No.	Description	Fig.	Length	1	10	100	250
28564	Straight pigtail fan cord	1A	24"	\$1.49	\$1.25	\$.99	\$.89
2076658	Straight pigtail fan cord	1A	36"	1.49	1.25	.99	.89
1952548	45⁻ pigtail fan cord ₹	2A	24"	1.25	1.19	1.09	.99
104192	90° pigtail fan cord	3A	24"	1.25	1.19	1.09	.99
1952564	90⁻ pigtail fan cord≉	3A	24"	1.29	1.25	1.15	1.09
1952572	Straight AC plug fan cord₹	1B	72"	2.95	2.49	2.19	1.95
1952581	45 ⁻ AC plug fan cord ₹	2B	72"	2.95	2.49	2.19	1.95

Fan Guards & Aluminum Washable Filters

Description

Metal (chrome) guard

Metal (chrome) guard R

Metal (chrome) guard ₹

Metal (chrome) guard

Metal (chrome) guard ₹

Metal (blk anodized) guard

Metal (chrome) guard

Metal (chrome) guard

Plastic guard only

Plastic guard only

Plastic guard only

Metal (black anodized) guard

Metal (black anodized) guard

40

60

80

80

· Guards and filters fit all fans. Please match by size dimension. Example: P/N 300557 fan (80mm) matches P/N 31924 metal guard (80mm).

Fig.

2

2

3

3

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* Web Code: UAR

Part No.

1952661

1952679

1952687

1952695

1952708

138562

229665

196817

1952716

1952724

138579

1952732

130105

120

150

40

60

92

120

60

92



Fig.

3

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1.95

2.19

2.79

2.25

2.49

2.95

3.25

Description

Plastic guard only

Plastic guard only

Plastic guard only

Plastic guard w/ mesh

Plastic guard w/ mesh

Plastic guard w/ mesh ₹

Plastic guard w/ mesh ⊕

Plastic guard w/ mesh ₹

Plastic guard w/ mesh

Alum. washable filter

Alum. washable filter

Alum. washable filter &

Alum. washable filter R



10

\$.85

.89

1.25

1.19

1.39

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2.95



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1.15

1.09

1.25

1.39

1.59

1.95

2.29

1.75

2.09

2.49

* Web Code: GAE





[🗷] RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.



Part No.

123502

120038

687666

31924

1928433

123511

25735

695068

695076

1811198

1952644

1952652

1952290

² 4 Leads wired for Dell proprietary PWM circuit control w/ tach (blue), lock rotor (yellow) & fan guard (These functions are optional, if needed)





115 & 220 VAC Tubeaxial Fans









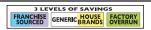




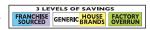
mm to Inches Conversion Chart

mm	6.8	10	15	20	25	28	30	32	35	38	40	45	51	60	76	80	92	95	97	120	127	150	172
Inches	0.27	0.40	0.60	0.80	1 00	1 10	1 18	1 26	1 40	1.50	1 60	1.80	2 00	2.36	2 99	3 15	3 63	3 74	3.82	4 69	5.00	5 90	6.77

			Voltage		Air Flow		Current	Power	Agency	Noise			Pric	ing	
Part No.	Manufacturer	Mfr. Part No.	(VAC)	Size (W" x H" x D")	(CFM)	Bearing	(mA)	(Watts)	Approvals	(dBA)	Connection	1	10	50	100
213867	Fulltech 2	UF60D11BWH	115	60 x 60 x 30	10.2	Ball	35	4	UL/CUL/VDE/CE	28	12" leads	\$17.95	\$15.95	\$14.49	\$12.95
1951369	Sunon♥	SF11580AT-1082HSL	115	80 x 80 x 25	21	Sleeve	120	12	UL/CSA/TUV	31	12" leads	14.95	13.49	11.95	10.95
146078	Common Wealth 2	FP108AX-S1-B	115	80 x 80 x 25	23	Ball	140	14	UL/CE	29	12" leads	15.95	14.49	12.95	11.49
300557	Fulltech 2	UF80B11SWH	115	80 x 80 x 25	24	Sleeve	140	14	UL/CUL/TUV/CE	35	12" leads	11.95	10.95	9.95	8.95
300258	Fulltech 2	UF80B11BTH	115	80 x 80 x 25	24	Ball	140	14	UL/CUL/TUV/CE	35	Terminals	13.95	12.49	10.95	9.95
300582	Fulltech 2	UF80A11SWL	115	80 x 80 x 38	25	Sleeve	110	12	UL/CUL/TUV/CE	32	12" leads	13.95	12.49	10.95	9.95
212645	Elina	EP083815-LBL	115	80 x 80 x 38	24	Ball	110	9	UL/CSA/TUV/CE	32	12" leads	13.95	12.49	10.95	9.95
300303	Fulltech 🕿	UF80A11BWL	115	80 x 80 x 38	25	Ball	110	11	UL/CUL/TUV/CE	32	12" leads	15.95	14.49	12.95	11.49
300329	Fulltech ⊕	UF80A11BTL	115	80 x 80 x 38	25	Ball	110	12	UL/CUL/TUV/CE	32	Terminals	15.95	14.49	12.95	11.49
300600	Fulltech 2	UF80A11BWH	115	80 x 80 x 38	29	Ball	120	12	UL/CUL/TUV/CE	36	12" leads	15.95	14.49	12.95	11.49
1950155	Sunon	SF11580A-1083HSL-GN	115	80 x 80 x 38	30	Sleeve	150	13	UL/CE/TUV	33	24" leads	13.95	12.49	10.95	9.95
300389	Fulltech 2	UF80A11BTH	115	80 x 80 x 38	30	Ball	120	12	UL/CUL/TUV/CE	36	Terminals	15.95	14.49	12.95	11.49
75433	Sunon 🗷	SF11592A-1092HSL	115	92 x 92 x 25	36	Sleeve	130	12	UL/CSA/TUV/CE	39	12" leads	13.95	12.49	10.95	9.95
303467	Sunon 🗷	SF11592A-1092HBL	115	92 x 92 x 25	37	Ball	110	12	UL/CSA/TUV/CE	40	12" leads	15.95	14.49	12.95	11.49
75460	Sunon 🕿 🖸	SF11592A-1092HBT-R	115	92 x 92 x 25	37	Ball	110	12	UL/CSA/TUV/CE	40	Terminals	16.95	14.95	13.49	11.95
1810048	Sunon 🗷	SP101AT-1122HBL.GN	115	120 x 120 x 25	78	Ball	180	18	UL/CUL/TUV/CE	46	12" leads	16.95	14.95	13.49	11.95
124063	Sunon 🗷	SP101AT-1122HBT	115	120 x 120 x 25	78	Ball	180	18	CSA/TUV/CE	46	Terminals	16.95	14.95	13.49	11.95
303361	Fulltech 2	UF12A11BTL1	115	1 120 x 120 x 38	64	Ball	80	15	UL/CUL/TUV/CE	37	Terminals	15.95	14.49	12.95	11.49
1585371	Sunon	SP103A-1123LBL	115	120 x 120 x 38	78	Ball	130	11	UL/CSA/TUV	39	6" w/ conn.	11.95	10.95	9.95	8.95
1918796	Jamicon	KA1238L1B0A0-T	1 115	1 120 x 120 x 38	78	Dual Ball	200	12	UL/CUL/CE	38	Terminals	14.95	13.49	11.95	10.95
300792	Fulltech 2	UF12A11STL	ı 115 i	1 120 x 120 x 38	∎ ■ 81	Sleeve	150	15	UL/CUL/TUV/CE	38	Terminals	14.95	13.49	11.95	10.95
303482	Fulltech ⊕	UF12A11SWL	115	120 x 120 x 38	82	Sleeve	150	12	UL/CUL/TUV/CE	38	12" leads	13.95	12.49	10.95	9.95
111894	Common Wealth ⊕		1 115	1 120 x 120 x 38	105	Sleeve	180	17	UL/CSA/CE	47	12" leads	13.95	12.49	10.95	9.95
106586	Common Wealth 🗷		115	120 x 120 x 38	105	Sleeve	180	12	UL/CSA/CE	47	Terminals	13.95	12.49	10.95	9.95
303415	Common Wealth	FP108-1-S1-B/W	115	120 x 120 x 38	105	Ball	200	17	UL/CSA/TUV/CE	47	12" leads	16.95	14.95	13.49	11.95
16935	Common Wealth		115	120 x 120 x 38	105	Ball	200	17	UL/CSA/TUV/CE	47	Terminals	16.95	14.95	13.49	11.95
212600	Fulltech 2	UF12A11BWH	115	120 x 120 x 38	106	Ball	190	15	UL/CUL/TUV/CE	46	12" leads	15.95	14.49	12.95	11.49
1707163	Sunon 2	SP101A-1123HBL-GN	115	120 x 120 x 38	107	Ball	180	18	UL/CSA/TUV	50	12" leads	15.95	14.49	12.95	11.49
206309	Adda 🕏	AA1281UB-AT	115	120 x 120 x 38	107	Ball	230	24	UL/CUL/CE	48	Terminals	15.95	14.49	12.95	11.49
275793	Sunon 2	SP101A-1123HBT	115	120 x 120 x 38	107	Ball	180	18	UL/CUL/CE	50	Terminals	16.95	14.47	13.49	11.95
1918770	Jamicon	KA1238H1B110-T	115	120 x 120 x 38	110	Dual Ball	300	24	UL/CUL/CE	45	Terminals	12.95	11.49	9.95	8.95
303408	Sunon 2		i i		i							17.95	15.95		12.95
	Sunon	SP100A-1123XBL	115	120 x 120 x 38	117	Ball	240	20	UL/CSA/TUV/CE	47	12" leads			14.49	
1585320		A1123HBL	115	120 x 120 x 38	117	Ball	250	20	UL/CUL/TUV	50	17" leads	15.95	14.49	12.95	11.49
102884	Sunon R	SP100A-1123XBT	115	120 x 120 x 38	117	Ball	240	20	UL/CUL/TUV/CE	50	Terminals	17.95	15.95	14.49	12.95
108725	Fulltech 2	UF15AC11BTH	115	172 x 150 x 38	211	Ball	230	28	UL/CUL/TUV/CE	58	Terminals	36.95	34.95	32.95	29.95
212582	Fulltech 2	UF15PC11BWH	115	172 x 150 x 51	226	Ball	250	30	UL/CUL/TUV/CE	58	12" leads	36.95	34.95	32.95	29.95
189684	Fulltech 2	UF15PC12BTH	115	172 x 150 x 51	226	Ball	250	30	CSA	58	Terminals	34.95	32.95	29.95	26.95
1950956	Artic	KEST-481BW	115	172 x 150 x 51	260	Ball	620	46	UL/CE/TUV	61	12" leads	34.95	32.95	29.95	26.95
1810128	Common Wealth	FP-108AX-S1-B	220	80 x 80 x 25	21	Ball	120	13	UL/CSA/TUV/CE	29	13" leads	16.95	14.95	13.49	11.95
100918	Sunon 🗷	SF23080A/2083HSL	220	80 x 80 x 38	30	Sleeve	60	13.5	UL/CSA/TUV/CE	35	12" leads	16.95	14.95	13.49	11.95
355630	Fulltech 2	UF-80A23-BTH-K	220	80 x 80 x 38	30	Ball	60	12	UL/CSA/VDE/CE	36	Terminals	16.95	14.95	13.49	11.95
209365	Bi-Sonic	4C-230LB	220	120 x 120 x 38	63	Ball	60	9	TUV/CE	34	10" leads	15.95	14.49	12.95	11.49
1918753	Jamicon	KA1238H2B01	220	120 x 120 x 38	89	Dual Ball	200	23	UL/CUL/TUV/CE	42	Terminals	13.95	12.49	10.95	9.95
302244	Comair 🗷	28023	220	120 x 120 x 38	88	Ball	130	28.6	UL/CSA	50.7	Terminals	14.95	13.49	11.95	10.95
1918761	Jamicon	KA1238H2B12	220	120 x 120 x 38	110	Ball	200	24	UL/CUL/TUV/CE	45	Terminals	12.95	11.49	9.95	8.95
303459	Sunon 🗷	DP200A-2123XBL	220	120 x 120 x 38	117	Ball	120	21	UL/CSA/TUV/CE	50	12" leads	15.95	14.49	12.95	11.49
1585346	Sunon	A2123-HBL	220	120 x 120 x 38	117	Ball	120	20	UL/CUL/TUV	50	17" leads	15.95	14.49	12.95	11.49
1585338	Sunon	A2123-HBT	220	120 x 120 x 38	117	Ball	120	20	UL/CUL/TUV	50	Terminals	15.95	14.49	12.95	11.49
102892	Sunon 🕿	DP200A-2123XBT	220	120 x 120 x 38	117	Ball	120	21	UL/CSA/TUV/CE	50	Terminals	15.95	14.49	12.95	11.49
1809872	Sunon	A2175-HBT	220	172 x 150 x 51	239	Ball	110	25	UL/TUV/CE	51	Terminals	29.95	26.95	23.95	19.95
1950964	Artic	KEST-482BW	220	172 x 150 x 51	256	Ball	400	58	UL/TUV/CE	58	12" leads	32.95	29.95	26.95	23.95
	Comair 🕿	020191	220	254 x 89	550		250		UL/CE/CSA/TUV						35.95



AC-to-AC & AC-to-DC Regulated Switching Wall Adapters







AC-to-AC Wall Adapters Input: 120VAC @ 60Hz







* Web Code: ABQ

We specialize in Wall Adapters - Call for additional OEM PRICING.

We will change any power plug (pg 60) on any DC wall adapter listed (100 pc. minimum) for a small additional charge.

			Output	Rating	Output Connector			Output						
Part			Voltage		ID x OD mm	Size	Case	Cord	Wt.	Agency		Pric		
Number	Manufacturer	Part Number	(VAC)	(Female/Male	H" x W" x D"	Color	Length	(lbs.)	Approvals	1	10	50	100
249017	Jameco ReliaPro	ACU070150	7	1500	2.5mm x 5.5mm F	2.5 x 2.0 x 1.7	Black	6'	0.5	UL/CSA	\$9.95	\$8.95	\$7.95	\$7.29
210729	ITE Power Supply	MKA35090300 O	9	300	2.1mm x 5.5mm F	2.2 x 1.7 x 1.5	Black	6'	0.4	UL/CUL	6.95	6.25	5.59	4.95
100061	Jameco ReliaPro	ACU090050	9	500	2.1mm x 5.5mm F	2.7 x 1.9 x 1.7	Black	6'	0.6	UL/CUL	7.95	7.29	6.59	5.95
1950921	ITI	AM-9700ALF	9	700	Screw terminals	2.8 x 2.0 x 1.7	White	_	0.6	UL	6.95	6.25	4.95	3.95
236814	Jameco ReliaPro	ACU090080	9	800	3.5mm M	2.5 x 2.0 x 1.7	Black	6'	0.5	UL/CUL	5.95	5.35	4.79	4.29
1581281	OEM	AA-091A	9	1000	2.1mm x 5.5mm F	2.2 x 2.1 x 1.6	Black	6'	0.6	UL/CSA	6.95	6.25	5.59	4.95
102234	Jameco ReliaPro	ACU090100Z8182	9	1000	2.1mm x 5.5mm F	3.2 x 2.2 x 1.9	Black	6'	0.6	UL/CSA	8.95	7.95	7.29	6.49
1586154	Arndt	A9-1A	9	1000	2.5mm x 5.5mm F	2.5 x 1.9 x 1.6	Black	6'	0.6	UL/CSA	6.95	6.25	5.59	4.95
157041	Jameco ReliaPro	ACU090100E8942	9	1000	2.5mm x 5.5mm F	2.1 x 2.1 x 1.6	Black	6'	0.6	UL/CSA	8.95	7.95	7.29	6.49
112336	Jameco ReliaPro	ACU090150	9	1500	2.5mm x 5.5mm F	2.5 x 2.2 x 2.0	Black	6'	0.9	UL	10.95	9.95	8.95	7.95
688634	Arndt	PP-1012-A	10	1200	2.5mm x 5.5mm F	3.5 x 2.5 x 1.9	Black	6'	1.3	UL	9.95	8.95	7.95	6.95
2076543	Radio Shack	15-1963	12	400	2.1mm x 5.5mm F	2.6 x 1.7 x 1.6	Black	6'	0.6	UL/CSA	5.95	5.35	4.79	4.29
101258	Jameco ReliaPro	ACU120050	12	500	2.1mm x 5.5mm F	2.5 x 2.0 x 1.7	Black	6'	0.6	UL/CSA	6.95	6.25	5.59	4.95
2076666	CIC	48A12-500Q	12	500	2.5mm x 5.5mm right angle F	3.3 x 2.6 x 2.0	Black	6'	1.0	CSA	5.95	5.35	4.79	4.29
10081	Jameco ReliaPro	ACU120100J0920	12	1000	2.1mm x 5.5mm F	2.6 x 2.4 x 2.0	Black	6'	0.7	UL/CSA	9.95	8.95	8.95	7.29
100167	Jameco ReliaPro	A411201000U	12	1000	2.5mm x 5.5mm F	3.2 x 2.4 x 2.0	Black	6'	0.7	UL/CSA	9.95	8.95	7.95	7.29
10428	Jameco ReliaPro	ACU120100Z9121	12	1000	3.5mm M	2.6 x 2.4 x 2.0	Black	6'	0.6	UL/CUL	9.95	8.95	7.95	7.29
167151	Jameco ReliaPro	ADU120150	12	1500	2.1mm x 5.5mm F	3.4 x 2.7 x 2.2	Black	6'	1.5	UL/CUL	10.25	9.19	7.59	7.15
307838	Jameco ReliaPro	ADU120160H4120	12	1600	2.5mm x 5.5mm F	2.9 x 2.3 x 1.9	Black	6'	1.0	UL/CUL	12.49	9.95	7.49	6.75
153761	Jameco ReliaPro	ADU120160C2521	12	1600	3.5mm M	2.5 x 2.2 x 1.9	Black	6'	0.9	UL	12.49	9.95	7.49	6.75
206404	Arndt	MGT1220	12	1670	Screw terminals with green LED	3.2 x 2.2 x 1.9	White	_	0.9	UL/CSA	9.95	8.95	7.95	7.29
1954949	Creative	UA1450	13.5	5000	2.1mm x 5.5mm F (Table-Top style)	3.1 x 2.9 x 2.5	Black	6'/6'	2.4	UL/CUL	19.95	17.95	15.95	13.95
171408	Jameco ReliaPro	ACU140050	14	500	2.1mm x 5.5mm F	2.8 x 2.0 x 1.6	Black	6'	0.6	UL/CSA	7.95	7.09	6.25	5.59
318684	Horizon	ACU140085	14	850	2.5mm x 5.5mm right angle F	2.5 x 2.0 x 1.7	Black	6'	0.6	UL/CUL	12.95	11.49	9.95	8.95
100108	Jameco ReliaPro	ADU160100	16	1000	2.1mm x 5.5mm F	2.5 x 2.2 x 1.9	Black	6'	0.9	UL/CSA	10.95	9.95	8.95	7.95
163053	Jameco ReliaPro	ADU160110	16	1100	2.5mm x 5.5mm F	3.2 x 2.3 x 1.8	Black	6'	1.1	UL/CSA	9.95	8.69	7.19	6.75
176604	Jameco ReliaPro	BHU160400	16	4000	2.1mm x 5.5mm F (Table-Top style)	4.4 x 3.1 x 2.5	Black	6'/6'	2.8	None	19.95	17.95	15.95	13.95
121216	Jameco ReliaPro	ADU180100	18	1000	2.1mm x 5.5mm F	3.1 x 2.7 x 1.9	Black	6'	1.1	UL/CUL	10.95	9.95	8.95	7.95
185439	Jameco ReliaPro	AFU180185	18	1850	2.1mm x 5.5mm right angle F	3.3 x 2.7 x 2.2	Black	6'	1.7	None	13.95	12.49	10.95	9.95
2076631	Ault	T57-182200	18	2200	2.1mm x 5.5mm F	3.2 x 2.6 x 2.2	Black	5'6"	1.2	UL/CSA	14.95	13.49	11.95	10.95
87581	Jameco ReliaPro	ADU240050	24	500	2.1mm x 5.5mm F	2.5 x 2.2 x 1.9	Black	6'	0.9	UL/CSA	8.95	7.95	7.29	6.49
206439	Arndt	MGT2420	24	830	Screw terminals with green LED	3.2 x 2.2 x 1.9	White	_	0.9	UL/CSA	10.95	9.95	8.95	7.95
140599	Jameco ReliaPro	ADU240100D5531	24	1000	2.1mm x 5.5mm F	3.0 x 2.2 x 1.9	Black	6'	1.2	UL/CSA	10.95	9.95	8.95	7.95
10102	Jameco ReliaPro	ADU240100E0461	24		3.5mm M	3.0 x 2.2 x 1.9	Black	6'	1.2	UL/CSA	10.95	9.95	8.95	7.95
176356	Jameco ReliaPro	AFU240125	24	1250	2.1mm x 5.5mm F	3.4 x 2.7 x 2.2	Black	5'8"	1.6	None	12.95	11.49	9.95	8.95
Dive Deat N	lo = Limite d Ouan													

JAMECO ReliaPro

AC-to-DC "Slim Line" Regulated Switching Wall Adapters

Output connector: 2.1mm x 5.5mm F2 (center positive) Compact in size and lightweight, they are the perfect power solution in all those applications where space is critical. And their high efficiency satisfies requirements for minimizing power losses. You no longer have to deal with traditional wall adapters that block unused outlets in wall plates and power strips/surge protectors.

- 2-wire AC input · Output cord length: 6'
- Input voltage: 100 240VAC @ 47-63Hz
- Color: black · One-year warranty

CEC Equivalents Available Below



all 1-800-831-4242 for Detail





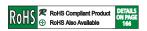
Choose from	2 Models!	Output	Rating	Size	Wt.		Pric	cing	
Non-CEC P/N	CEC Part No.	Volt (VDC)	Curr. (mA)	(H"xW"xD")	(lbs.)	1	10	50	100
251564₹✔	251565 🔍	3.3	1500	2.5x1.1x1.7	0.2	\$14.95	\$13.49	\$11.95	\$10.49
252701 🗷 🗸	251600 🔍	3.3	2500	2.9x1.1x1.7	0.3	16.95	14.95	13.49	11.95
252719₹ 🗸	252720 🔍	5	1000	2.5x1.1x1.7	0.2	12.95	11.49	9.95	8.95
252727₹✔	252728	5	1500	2.5x1.1x1.7	0.2	14.95	13.49	11.95	10.49
_	252736 🔍	5	2500	2.9x1.3x2.2	0.3	17.95	15.95	14.95	12.95
252752₹✔	252753	9	500	2.5x1.1x1.7	0.2	10.95	9.95	8.95	7.95
_	1950841 🔍	9	1000	2.5x1.1x1.7	0.2	13.95	12.49	10.95	9.95
252778 🗷 🗸	252779 🔍	9	1200	2.9x1.3x2.2	0.3	13.95	12.49	10.95	9.95
252786	_	9	1500	2.9x1.3x2.2	0.3	15.95	14.49	12.95	11.49
2527947	252795	12	250	2.5x1.1x1.7	0.2	10.95	9.95	8.95	7.95

Choose from	2 Models!	Output	Rating	Size Wt.		Pricing					
Non-CEC P/N	CEC Part No.	Volt (VDC)	Curr. (mA)	(H"xW"xD")	(lbs.)	1	10	50	100		
252807₹✔	252808 🔍	12	500	2.5x1.1x1.7	0.2	\$10.95	\$9.95	\$8.95	\$7.95		
252815 🗷 🗸	252816 🔍	12	600	2.5x1.1x1.7	0.2	11.95	11.49	10.49	9.49		
252823₹✔	252824 🔦	12	1000	2.9x1.3x2.2	0.3	13.95	12.49	10.95	9.95		
252832₹ ✔	252833 🔍	12	1250	2.9x1.3x2.2	0.3	13.95	12.49	10.95	9.95		
252891🕿	_	15	500	2.9x1.3x1.7	0.2	11.95	10.95	9.95	8.95		
254757	_	15	800	2.9x1.3x2.2	0.2	12.95	11.49	10.49	9.49		
_	252904 🔍	15	1000	2.9x1.3x2.2	0.3	13.95	12.49	10.95	9.95		
252858	_	24	250	2.5x1.1x1.7	0.2	10.95	9.95	8.95	7.95		
252866	_	24	500	2.9x1.3x2.2	0.3	11.95	10.95	9.95	8.95		
252874₹✔	2076341 🦠	24	630	2.9x1.3x2.2	0.3	12.95	11.49	10.49	9.49		

This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version.



✓ CEC equivalent available



Female(F)

Polarity 1

Polarity 2

AC-to-DC Regulated Switching Wall Adapters



NEW

(center negative)

(center positive)

Male(M)

AC-to-DC Regulated Switching Wall Adapters

We specialize in Wall Adapters - Call for additional OEM PRICING We will change any power plug (pg 60) on any DC wall adapter listed (100 pc. minimum)



★ Web Code: CDZ

Female Female for a small additional charge. Right Angle 1946121 1707112 Straight

			Output	Rating	Output Connector				Output						
Part		Manufacturer		Current		Input	Size	Case	Cord	Weight	Agency	cy Pricing			
Number	Manufacturer	Part No.	(VDC)		Female/Male; Polarity •	VAC @ Hz	H" x W" x D"	Color	Length	(lbs.)	Approvals	1	10	50	100
1809805	Globtek ₹	WR9HA1000C9P-F(R)	5		12.1mm x 5.5mm F 2	100-240@50-60	2.1 x 1.2 x 1.6	Black	6'	0.2	UL/CUL/CE	\$14.95	\$13.49	\$11.95	\$10.95
1940660	Mean Well 🗷 🔌	GS06U1P1J	5		2.1mm x 5.5mm F 2	90-264@47-63	2.6 x 1.3 x 1.9	Black	6'	0.2	UL/CUL/CEC	15.95	14.49	12.95	11.49
1950981	Philips	AY3192/17	5		1.7mm x 4.0mm F 2	100-240@50-60	3.1 x 1.4 x 1.3	Black	6'	0.3	UL/CUL	12.95	11.49	9.95	8.95
210894	· ·	SYS1193-1005	5		2.1mm x 5.5mm F 2	100-240@47-63	2.9 x 1.4 x 2.2	Black	6'	0.2	UL/CUL	14.95	13.49	11.95	10.95
1940740	Mean Well 🗷 🦠	GS12U05P1I	5		2.1mm x 5.5mm F 2	90-264@47-63	2.6 x 1.9 x 1.0	Black	4'	0.3	UL/CUL/CEC	17.95	15.95	14.49	12.95
157340	D-Link	AF1205B	5		2.1mm x 5.5mm F 2	100-120@50-60	2.4 x 1.4 x 1.1	Black	6'	0.3	UL/CUL/TUV	17.95	15.95	14.49	12.95
189190	Interex	EPA101MU-05B	5		2.5mm x 5.5mm F 1	100-120@50-60	3.2 x 2.8 x 1.3	Black	6'	0.4	UL/CUL	17.95	15.95	14.49	12.75
1954199		GS15U-1P1J	5		2.1mm x 5.5mm F 2	90-264@47-63	2.8 x 1.3 x 2.0	Black	6,	0.4	UL/CUL/CEC	22.95	19.95	17.95	15.95
689864	DVE	DSA-0151A-05	5			100-120@50-60	3.2 x 2.1 x 1.4	Black	6,	0.4	UL/CUL	19.95	17.95	15.95	14.49
1919158	Compag	281855-001	5		1.3mm x 3.5mm F 2	100-120@50-60	3.1 x 1.4 x 2.2	Black	6'	0.3	UL/CUL/TUV/CE	19.95	17.75	15.95	13.49
1952863		GS18U05-P1J	5		2.1mm x 5.5mm F 2	90-264@47-63	3.1 x 2.1 x 1.3	Black	4'	0.5	UL/CUL/CEC	24.95	22.49	19.95	17.95
1946121	Protech	BSA-15-105B	5		2.5mmx 5.5mm right angle F 2	100-120@57-63	2.9 x 2.0 x 1.7	Black	6'	0.5	UL/CSA	19.95	17.95	15.95	13.49
379622	Mean Well 🗷	ES25U05-P1J	5		2.5mm x 5.5mm F 2	90-264@47-63		Black	6,	0.5	UL/CUL/CE	27.95	24.95	22.49	19.95
379623	Mean Well 🗷 🦠	GS25U05-P1J	5		2.1mm x 5.5mm F 2	100-240@50-60	3.1 x 2.1 x 1.3	Black	6,	0.5	UL/CUL/CEC	28.95	25.95	23.95	20.95
	Globtek 27		6		2.5mm x 5.5mm right angle F 2		3.1 x 2.1 x 1.3 2.9 x 1.7 x 1.5	Black	6,	0.5	UL/CUL/CEC	19.95	17.95	15.95	14.49
1918702	Mean Well ?	GT-41052-1506							6,						
1940678 1940758	Mean Well #	GS06U-11P1J GS12U07/P1I	7.5 7.5		2.1mm x 5.5mm F 2 2.1mm x 5.5mm F 2	90-264@47-63 90-264@47-63	2.6 x 1.3 x 1.9 2.6 x 1.9 x 1.0	Black Black	6,	0.2	UL/CUL/CEC UL/CUL/CEC	15.95 19.95	14.49 17.95	12.95 15.95	11.95 14.49
									6,						
380008	Mean Well 🗷 🗸		7.5		2.1mm x 5.5mm F 2	90-264@47-63	3.1 x 2.1 x 1.3 2.6 x 1.3 x 1.9	Black	6,	0.5	UL/CUL/CE	22.95 17.95	19.95	17.95 14.49	15.95 12.95
1940686		GS06U-2P1J	9		2.1mm x 5.5mm F 2 2.1mm x 5.5mm F 2	90-264@47-63 90-264@47-63		Black	6,		UL/CUL/CEC		15.95		
1940766	Mean Well R	GS12U09-P1I	9		:		2.6 x 1.9 x 1.0	Black		0.3	UL/CUL	19.95	17.95	15.95	14.49
228947	Phihong ?	PSC15A-090			2.1mm x 5.5mm F 2	90-132@57-63	2.9 x 1.9 x 1.4	Black	6'	0.4	UL/CUL	17.95	15.95	14.49	12.95
380140	Mean Well 🗷 🦠	ES25U09-P1M	9		2.5mm x 5.5mm F 2	90-264@47-63	3.1 x 2.1 x 1.3	Black	6'	0.5	UL/CUL/CEC	22.95	19.95	17.95	15.95
1940694	Mean Well 🗷	GS06U-3P1J	12		2.1mm x 5.5mm F 2	90-264@47-63	2.6 x 1.3 x 1.9	Black	6'	0.2	UL/CUL/CE	17.95	15.95	14.49	12.95
1955036	Arndt	26092*	12		12.1mm x 5.5mm F 2	95-240@47-63	4.0 x 2.3 x 1.1	Black	5.5'	0.4	UL/CUL	12.95	11.49	9.95	8.95
1940774		GS12U12-P1I	12		2.1mm x 5.5mm F 2	90-264@47-63	2.6 x 1.9 x 1.0	Black	6'	0.3	UL/CUL/CEC	19.95	17.95	15.95	14.49
159354	Group West	TRC-12-1200	12		2.1mm x 5.5mm F 2	100-240@50-60	3.0 x 1.9 x 1.0	Black	6'	0.2	UL/CUL/CE	14.95	13.49	11.95	10.95
1946148	Touch Dee Van	SP9715C-A	12		2.1mm x 5.5mm F 2	100-120@50-60	2.9 x 2.0 x 1.7	Black	6'	0.4	UL/CSA	14.95	13.49	11.95	10.95
1954623		DSA-0151A-12	12		2.1mm x 5.5mm F 2	100-120@50-60	3.1 x 2.1 x 1.4	Black		0.5	UL/CUL	14.95	13.49	11.95	10.95
1954201	Mean Well 🕏	SW15U-3P1J	12		2.1mm x 5.5mm F 2	90-264@47-63	2.8 x 1.3 x 2.0	Black	6'	0.4	UL/CUL/CE	24.95	22.49	19.95	17.95
1952855		GS18U12-P1J	12		2.1mm x 5.5mm F 2	90-264@47-63	3.1 x 2.1 x 1.3	Black	6'	0.2	UL/CUL/CE/CEC	17.95	15.95	14.49	12.95
1950497		SYS1308-2412	12		2.1mm x 5.5mm F 2	100-240@50-60	2.9 x 1.3 x 1.7	Black	6'	0.4	UL/CUL/CE	19.95	17.95	15.95	14.49
380156	Mean Well ?	GS25U12-P1J	12		2.1mm x 5.5mm F 2	90-264@47-63	3.1 x 2.1 x 1.3	Black	6'	0.5	UL/CUL/CE/CEC	22.95	19.95	17.95	15.95
380358	Mean Well 🗷	ES25U12-P1M-R	12 15		2.5mm x 5.5mm F 2	90-264@47-63	3.1 x 2.1 x 1.3	Black	6'	0.3	UL/CUL/CE	22.95 17.95	19.95	17.95 14.49	15.95 12.95
1940707		GS06U-4P1J			2.1mm x 5.5mm F 2	90-264@47-63	2.6 x 1.3 x 1.9	Black	6,		UL/CUL/CEC		15.95		
1707112	Mean Well	SW12U15-P1I	15		2.1mm x 5.5mm F 2 2.1mm x 5.5mm F 2	100-240@50-60	2.6 x 2.0 x 1.0	Black	6,	0.5	UL/CUL/CE	17.95 17.95	15.95 15.95	14.49 14.49	12.95 12.95
1940782	Mean Well 🗷 🔌	GS12U15-P1I	15			90-264@47-63	2.6 x 1.9 x 1.0	Black	6,		UL/CUL/CEC				
1952871	_	GS18U15-P1J	15		2.1mm x 5.5mm F 2	100-240@50-60	3.1 x 2.1 x 1.4	Black	6,	0.4	UL/CUL/CE/CEC	19.95	17.95	15.95	14.49
380173	Mean Well ?	ES25U15-P1J	15		2.1mm x 5.5mm F 2	90-264@47-63	3.1 x 2.1 x 1.3	Black	6,	0.5	UL/CUL/CE	15.95	14.49	12.95	11.49
1940715		GS06U-5P1J	18		2.1mm x 5.5mm F 2	90-264@47-63	2.6 x 1.3 x 1.9	Black			UL/CUL/CEC	17.95	15.95	14.49	12.95
1940791		GS12U18-P1I	18		2.1mm x 5.5mm F 2	90-264@47-63	2.6 x 1.9 x 1.0	Black	6'	0.3	UL/CUL/CEC	19.95	17.95	15.95	14.49
380190	Mean Well ?	ES25U18-P1J	18		2.1mm x 5.5mm F 2	100-240@50-60	3.1 x 2.1 x 1.3	Black	6'	0.5	UL/CUL/CE	22.95	19.95	17.95	15.95
380191	Mean Well ?	GS25U18-P1J	18		2.1mm x 5.5mm F 2	100-240@50-60	3.1 x 1.2 x 1.3	Black	6'	0.5	UL/CUL/CEC	24.95	22.49	19.95	17.95
380374	Mean Well ?	ES25U18-P1M	18		2.5mm x 5.5mm F 2	90-264@47-63	3.1 x 2.1 x 1.3	Black	6'	0.5	UL/CUL/CE	14.95	13.49	11.95	10.95
1940723	Mean Well 2	GS06U-6P1J	24		2.1mm x 5.5mm F 2	90-264@47-63	2.6 x 1.3 x 1.9	Black	6'	0.2	UL/CUL/CEC	17.95	15.95	14.49	12.95
1940803		GS12U24-P1I	24		2.1mm x 5.5mm F 2	90-264@47-63	2.6 x 1.9 x 1.0	Black	6'	0.3	UL/CUL/CEC	19.95	17.95	15.95	14.49
1954252		GS15U-6P1J O	24		2.1mm x 5.5mm F 2	90-264@47-63	2.8 x 1.3 x 2.0	Black	6'	0.4	UL/CUL/CEC	22.95	19.95	17.95	
1952898	Mean Well ?	ES18U24-PIJ	24		2.1mm x 5.5mm F 2	90-264@47-63	3.1 x 2.1 x 1.3	Black	6'	0.5	UL/CUL/CE	22.95	19.95	17.95	
380202	Mean Well 2	GS25U24-P1J	24		2.1mm x 5.5mm F 2	100-240@50-60	3.1 x 2.1 x 1.3	Black	6'	0.5	UL/CUL/CEC	24.95	22.49	19.95	
380220		GS25U28-P1J	28		2.1mm x 5.5mm F 2	100-240@50-60	3.1 x 2.1 x 1.3	Black	6'	0.6	UL/CUL/CEC	19.95	17.95	15.95	
380235	Mean Well ?	ES25U36-P1JR	36		2.1mm x 5.5mm F 2	90-264@47-63	3.1 x 2.1 x 1.3	Black	6'	0.5	UL/CUL/CE	17.95	15.95	14.49	12.95
380412	Mean Well ?	ES25U36-P1M	36		2.5mm x 5.5mm F 2	90-264@47-63	3.1 x 2.1 x 1.3	Black	6'	0.5	UL/CUL/CE	17.95	15.95	14.49	12.95
1940731		GS06U-8P1J	48		2.1mm x 5.5mm F 2	90-264@47-63	2.6 x 1.3 x 1.9	Black	6'	0.2	UL/CUL/CEC	19.95	17.95	15.95	14.49
380244		GS25U48-P14J	48		2.1mm x 5.5mm F 2	100-240@50-60	3.1 x 2.1 x 1.3	Black	6'	0.5	UL/CUL/CEC	22.95	19.95	17.95	15.95
380446	Mean Well 🗷	ES25U48-P1M	48	520	2.5mm x 5.5mm F 2	90-264@47-63	3.1 x 2.1 x 1.3	Black	6'	0.5	UL/CUL/CE	22.95	19.95	17.95	15.95



With light indicator

✔ CEC Equivalent available

◆ CEC



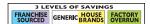
Looking for a Different Output Connector?

We will change any power plug (pg 60) on any DC wall adapter listed (100 pc. minimum) for a small additional charge.

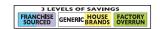
3-Prong Wall Adapter Enclosure

- 3-prong power plug and cable strain relief
- Material: noryl
- Color: Black

Part No.	Style	Size (H x W x D)	1	10	100
115051	Non-vented⊕	3.4" x 2.7" x 2.3"	\$2.59	\$2.29	\$2.09



AC-to-DC Unregulated Linear Wall Adapters











AC-to-DC Unregulated Linear Wall Adapters

120VAC @ 60Hz

We will change any power plug (pg 60) on any DC wall adapter listed





	,
21	9601

(center negative) (center positive)

We specialize in Wall Adapters - Call for additional OEM PRICING.

Polarity	Female(F)	+) (center positive Male(M)	/e)	Fe	emale Male Strippe		n any DC wa inimum) for			charge.	220433	3	219601	1		
			Output	Rating	Output Connector	` '		Output			*/		*Web Code: UAP			
Part		Manufacturer		Current		Size	Case	Cord	Weight	Agency		Pric	ing			
Number	Manufacturer	Part No.	(VDC)	(mA)	Female/Male; Polarity ◆	H" x W" x D"	Color	Length	(lbs.)	Approvals	1	10	50	100		
112070	Jameco ReliaPro	DBU050022Z5480	5	225	2.5mm x 5.5mm F 2	1.9 x 2.2 x 2.0	Black	7'	0.3	UL/CSA	\$5.95	\$5.35	\$4.79	\$4.39		
155601	Jameco ReliaPro	DCU050100B3582	5	1000	2.1mm x 5.5mm F 2	2.6 x 2.0 x 1.7	Black	6'	0.7	UL/CSA	7.95	7.29	6.59	5.95		
302439	Dynage	LF06300D-08	6	300	2.1mm x 5.5mm F 2	2.2 x 1.7 x 1.5	Black	6'	0.4	UL/CSA	5.95	5.35	4.79	4.39		
119255	Jameco ReliaPro	DBU060050Z2251	6	500	2.1mm x 5.5mm F 1	2.3 x 1.8 x 1.8	Black	6'	0.6	UL/CUL	6.95	6.25	5.59	4.9		
106054	Various	106054	6	500	2.1mm x 5.5mm F 2	2.3 x 1.8 x 1.8	Black	6'	0.4	UL/CUL	5.95	5.35	4.79	4.3		
101266	Jameco ReliaPro	DBU060050E3860	6	500	2.1mm x 5.5mm F 2	2.4 x 1.9 x 1.6	Black	6'	0.4	UL/CSA	6.95	6.25	5.59	4.9		
15544	Jameco ReliaPro	DBU060050Z8371	6		3.5mm M 2	2.4 x 1.9 x 1.6	Black	6'	0.4	UL/CSA	6.95	6.25	5.59	4.9		
2081431	PEI	DV-0670-B14	1 6		2.1mm x 5.5mm F 2	2.4 x 2.0 x 1.6	Black	6'	0.5	UL/CUL	6.95	6.25	5.59	4.79		
147707	Jameco ReliaPro	DBU060080C6962	6	800	2.1mm x 5.5mm F 2	2.3 x 2.0 x 1.6	Black	6'	0.6	UL/CSA	7.49	6.65	5.95	4.9		
220943	Jameco ReliaPro	DCU060120G2401	6	1200	2.1mm x 5.5mm F 1	2.5 x 2.0 x 1.7	Black	6'	0.7	UL/CUL	8.95	7.95	6.95	5.9		
220951	Jameco ReliaPro	DCU075100G2291	7.5	1000	2.1mm x 5.5mm F 1	2.5 x 2.0 x 1.7	Black	6'	0.6	UL/CUL	8.95	7.95	6.95	5.9		
249279	Various	MW41-0751000	7.5		2.1mm x 5.5mm F 2	2.5 x 1.9 x 1.6	Black	6'	0.8	UL/CUL	7.95	6.95	6.25	5.5		
248751	Uniq	AD-071A	7.5	:	2.5mm x 5.5mm F 2	2.3 x 2.3 x 1.9	Black	6'	0.9	UL/CSA	7.95	6.95	6.25	5.59		
280250	Jameco ReliaPro	DDU075110G9521	7.5		2.1mm x 5.5mm F 2	2.9 x 2.3 x 1.9	Black	6'	0.9	UL/CUL	8.95	7.95	6.95	5.9		
127511	Jameco ReliaPro	DDU080100E2281	8		2.1mm x 5.5mm F 2	3.1 x 2.5 x 2.1	Black	6'	1.3	UL	9.95	8.95	7.95	6.9		
355936	ENG	35-9-200C	9		1.3mm x 3.5mm F 2	2.5 x 1.7 x 1.5	Black	6'	0.4	UL/CSA	5.95	5.35	4.79	4.3		
134025	Jameco ReliaPro	DBU090020Z6100	9	200	2.1mm x 5.5mm F 1	2.1 x 1.7 x 1.6	Black	6'	0.4	UL/CSA	5.95	5.35	4.79	4.3		
100845	Jameco ReliaPro	DBU090020E0850	9	200	2.1mm x 5.5mm F 2	2.1 x 1.7 x 1.5	Black	6'	0.4	UL/CSA	5.95	5.35	4.79	4.39		
100837	Jameco ReliaPro	DBU090020Z5490	9	200	3.5mm M 2	2.6 x 1.8 x 1.6	Black	6'	0.4	UL/CSA	5.95	5.35	4.79	4.39		
133891	Jameco ReliaPro	DBU090030C112	9	300	2.1mm x 5.5mm F 2	2.0 x 1.5 x 1.5	Black	6'	0.4	UL/CSA	5.95	5.35	4.79	4.39		
318676	Jameco ReliaPro	DBU090030H5790	9	300	2.5mm x 5.5mm F 1	2.2 x 1.7 x 1.5	Black	6'	0.4	UL/CUL	5.95	5.39	4.79	4.39		
1949120	Various	AD35-0900300DU	9	•	2.5mm x 5.5mm F 2	2.2 x 1.7 x 1.5	Black	6'	0.4	UL	4.95	4.49	3.95	3.59		
189238	Jameco ReliaPro	DBU090030H4540	1		2.5mm x 5.5mm F 2	2.2 x 1.7 x 1.5	Black	6'	0.4	UL/CUL	5.95	5.35	4.79	4.39		
202155	Jameco ReliaPro	DBU090035F1982			2.1mm x 5.5mm F 2	2.2 x 1.7 x 1.5	Black	6'	0.3	UL/CUL	5.95	5.39	4.79	4.29		
1954615	Mei Int.	MADA-2131	9	350	2.5 mm M 1	2.2 x 1.7 x 1.5	Black	6'	0.3	UL/CUL	4.95	4.49	3.95	2.95		
140636	Jameco ReliaPro	DCU090040C6351	9	400	2.5mm x 5.5mm F 2	2.6 x 2.0 x 2.0	Black	6'	0.6	UL/CSA	5.95	5.35	4.79	4.25		
202171	Jameco ReliaPro	DCU090045F2210	9	450	2.1mm x 5.5mm F 2	3.3 x 2.9 x 2.3	Black	6'	0.5	UL/CUL	5.95	5.35	4.79	4.39		
163628	Jameco ReliaPro	DCU090050Z7484		500	2.1mm x 5.5mm F 1	2.5 x 1.9 x 1.7	Black	6'	0.6	UL/CSA	6.95	6.25	5.59	4.95		
1810081	CUI Stack	DV-9500	9	•	2.1mm x 5.5mm F 2	2.4 x 2.0 x 1.6	Black	6'	0.6	UL/CSA	4.95	4.75	4.49	4.25		
100853	Jameco ReliaPro	_	9		2.1mm x 5.5mm F 2	2.5 x 1.9 x 1.7	Black	6'	0.6	UL/CSA	6.95	6.25	5.59	4.95		
147731	Jameco ReliaPro	AD-11950 ⊕	9		2.1mm x 5.5mm F 2	2.6 x 2.0 x 1.7	Beige	6'	0.6	UL/CSA	7.95	7.29	6.59	5.95		
236937	Jameco ReliaPro	DCU090050G6440	1		2.5mm x 5.5mm right angle F 2	2.5 x 2.0 x 1.7	Black	6'	0.4	UL/CSA	6.95	6.25	5.59	4.95		
1586162	CUI Stack	DPD090050	9	500	3.5mm M 2	2.3 x 1.9 x 1.6	Black	6'	0.6	UL/CSA	5.95	4.95	4.29	3.69		
15561	Jameco ReliaPro	DCU090050A2011	9	500	3.5mm M 2	2.5 x 2.0 x 1.6	Black	6'	0.5	UL/CSA	6.95	6.25	5.59	4.95		
202180	Jameco ReliaPro	DCU090060F2091	9	600	2.1mm x 5.5mm F 2	3.3 x 2.9 x 2.3	Black	6'	0.6	UL/CUL	6.95	6.25	5.59	4.95		
100175	Jameco ReliaPro		9	600	2.5mm x 5.5mm F 2	2.7 x 2.0 x 1.7	Black	6'	0.6	UL/CSA	6.95	6.25	5.59	4.95		
652341	Cidco	SPA-4180-65	9	600	2.5mm x 5.5mm right angle F 2	2.6 x 2.0 x 1.6	Black	6'	0.6	UL/CSA	4.95	3.95	2.95	2.25		
202198	Jameco ReliaPro		9		2.1mm x 5.5mm F 2	3.3 x 2.9 x 2.3	Black	6'	0.6	UL/CUL	8.95	7.95	6.95	5.95		
421577	Powerline	0900-12	9		2.5mm x 5.5mm F 2	2.7 x 2.1 x 1.7	Black	6'	0.8	UL/CSA	6.95	6.25	5.59	3.95		
164929	Jameco ReliaPro	DDU090100C2550	9	1	2.1mm x 5.5mm F 1	2.7 x 2.3 x 1.8	Black	6'	0.9	UL/CUL	8.95	7.95	6.95	5.95		
421690	Fisher Price	SA48-29A	9	1000	2.1mm x 5.5mm F 2	3.1 x 2.2 x 1.8	Black	6'	1.1	UL/CSA	6.95 9.95	5.95	4.95	3.95		
364576	Jameco ReliaPro	DDU090100J0490	9		2.1mm x 5.5mm F 2	2.9 x 2.3 x 1.9	Black	6'	0.9	UL/CUL		8.95	7.95	6.95		
227774	GTE	ADP2108GT	9	:	2.1mm x 5.5mm right angle F 2	2.5 x 2.2 x 1.9	Black	6'	0.9	UL/CUL	7.95	6.95	5.95	4.95		
1586082	GTE	ADP2108GT	9	:	2.5mm x 5.5mm F 2	2.6 x 2.2 x 1.9	Black	6'	0.9	UL/CSA	7.95	6.95	5.95	4.95		
127504	Jameco ReliaPro		9		2.5mm x 5.5mm F 2	2.6 x 2.4 x 2.0	Black	6'	0.9	UL/CSA	9.95	8.95	7.95	6.95		
15587	Jameco ReliaPro	DDU090100Z9081	9		3.5mm M 2	2.6 x 2.4 x 2.0	Black	6'	0.9	UL/CSA	9.95	8.95	7.95	6.95		
130526	Jameco ReliaPro		9		2.1mm x 5.5mm F 1	2.4 x 2.0 x 1.8	Black	6'	1.0	UL/CSA	10.95	9.95	8.95	7.95		
143693	Jameco ReliaPro				2.1mm x 5.5mm F 2	3.3 x 2.5 x 2.3	Black	6'	1.3	UL/CSA	12.95	11.49	9.95	8.95		
163993	Jameco ReliaPro		12		2.1mm x 5.5mm right angle F 1	2.4 x 1.7 x 1.6	Black	6'	0.4	UL/CSA	5.49	4.95	4.75	4.29		
100095	Jameco ReliaPro		12	200	2.1mm x 5.5mm F 2	2.1 x 1.8 x 1.5	Black	6'	0.4	UL/CSA	5.49	4.95	4.75	4.2		
158043	Jameco ReliaPro		12	200	2.1mm x 5.5mm right angle F 2	2.2 x 1.7 x 1.5	Black	6'	0.4	UL/CSA	5.95	5.39	4.59	3.95		
185658	Jameco ReliaPro			•	2.5mm x 5.5mm right angle F 2	2.2 x 1.7 x 1.5	Black	6'	0.4	UL/CSA	6.95	6.25	5.59	4.95		
220433	Jameco ReliaPro	DBU120020G1220	12		2.5mm x 5.5mm right angle F 2	2.2 x 1.7 x 1.5 2.5 x 2.0 x 1.7	Lt. Gray	6'	0.4	UL/CSA	6.95	6.25	5.59	4.9		
219601	Jameco ReliaPro		1		Stripped & tinned		Dk. Gray	6'	0.4	UL/CUL	6.95	6.25	5.59	4.9		
127976	Jameco ReliaPro		1	1	2.1mm x 5.5mm F 2	2.6 x 1.8 x 1.6	Black	6'	0.7	UL/CSA	6.95	6.25	5.59	4.95		
249236	Jameco ReliaPro				2.5mm x 5.5mm right angle F 2	2.2 x 1.7 x 1.5	Black	6'	0.5	UL/CUL	6.95	6.25	5.59	4.95		
190503	Jameco ReliaPro		12		2.1mm x 5.5mm right angle F 2	2.6 x 2.1 x 1.9	Black	6'	0.5	UL/CUL	7.49	6.95	5.65	4.95		
213575	Ault	5312-000-418	12		2.5mm x 5.5mm right angle F 1	2.9 x 2.6 x 1.9	Black	12'	0.7	UL/CSA	7.95	7.29	6.59	5.95		
114825	Jameco ReliaPro	DCU120050D4740	12	500	Stripped & tinned	2.5 x 2.0 x 1.7	Black	6'	0.6	UL/CUL	6.29	4.95	4.39	4.19		

♥ Blue Part No. = Limited Quantity Available

Jameco ReliaPro DCU120050Z8698

More AC-to-DC Wall Adapters listed on pages 102, 103, 105 & 106

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛮 Details on page 166.

2.5 x 1.9 x 1.6



UL/CSA

4.39

500 2.1mm x 5.5mm F 1



Female(F)

AC-to-DC Unregulated Linear Wall Adapters

JAMECO Relia Pro

Polarity 2 🗇 🤠

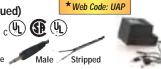
Polarity 1 +

AC-to-DC Unregulated Linear Wall Adapters (Continued)

120VAC @ 60Hz

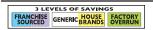
(center negative)
(the (center positive)
(male(M))

We specialize in Wall Adapters – Call for additional OEM PRICING.
We will change any power plug (pg 60) on any DC wall adapter listed (100 pc. minimum) for a small additional charge.



		Male(M)		(100 pc. minimum) for a small additional charge. Female Male Strip			-	- 620						
Part		Manufacturer	Output R Voltage	Curr.	Output Connector ID x OD mm	Size	Case	Output Cord	Weight	Agency		Pric		
Number	Manufacturer	Part No.	(VDC)	(mA)	Female/Male; Polarity ◆	H" x W" x D"	Color	Length	(lbs.)	Approvals	1	10	50	10
805103	Spec-Lin	A1250-5LE	12	500	2.1mm x 5.5mm F 2	2.6 x 1.9 x 1.7	Black	6'	0.6	UL/CSA	\$6.95	\$6.25	\$5.59	\$4.9
02496	Jameco ReliaPro	DCU120050E8601	12	500	2.1mm x 5.5mm F 2	2.5 x 1.9 x 1.6	Black	6'	0.6	UL/CSA	7.95	7.29	6.59	5.9
31300	Jameco ReliaPro	DCU120050E0251		500	2.1mm x 5.5mm right angle F 2	2.6 x 1.9 x 1.7	Beige	6'	0.6	UL/CSA	7.95	7.29	6.59	5.9
02277	Jameco ReliaPro	DCU120050UE2631	12	500	2.5mm x 5.5mm F 2	2.5 x 2.1 x 1.7	Black	6'	0.6	UL/CSA	7.95	7.29	6.59	5.9
7267	Jameco ReliaPro	DCU120050Z5391	12	500	3.5mm M 2	2.5 x 1.9 x 1.6	Black	6'	0.6	UL/CSA	7.95	7.29	6.59	5.
02201	Jameco ReliaPro	DCU120060F2131	12	600	2.1mm x 5.5mm F 2	3.3 x 2.9 x 2.3	Black	6'	0.6	UL/CUL	7.95	7.29	6.59	5.
02219	Jameco ReliaPro	DCU120070F2142	12	700	2.1mm x 5.5mm F 2	3.3 x 2.9 x 2.3	Black	6'	0.6	UL/CUL	8.95	7.95	7.29	6.
17479	Jameco ReliaPro	DDU120080E6451	12	800	2.1mm x 5.5mm F 2	3.0 x 2.3 x 2.0	Black	6'	0.9	UL/CSA	8.95	7.95	7.29	6.
077343	CUI Stack	48-12-800D ᢒ	12	800	2.1mm x 5.5mm F 2	2.5 x 2.2 x 1.9	Black	9'	0.9	UL/CUL	8.95	7.95	7.29	6.
29331	Jameco ReliaPro	DDU120080F2412	12	800	2.5mm x 5.5mm F 2	3.0 x 2.3 x 2.0	Black	6'	0.9	UL/CSA	8.95	7.95	7.29	6
21232	Jameco ReliaPro	DDU120080F2271	12	800	3.5mm M 2	2.6 x 2.4 x 2.0	Black	6'	0.9	UL/CSA	8.95	7.95	7.29	6
081465	Broadband	SY-120	12	1000	2.1mm x 5.5mm F 2	3.3 x 2.3 x 1.9	Black	6'	1.2	UL/CUL	8.95	7.95	7.29	6
00870	Jameco ReliaPro	DDU120100Z7974	12	1000	2.1mm x 5.5mm F 2	2.6 x 2.4 x 1.9	Black	6'	0.9	UL/CSA	9.95	8.95	7.95	7.
950788	Various	WD481201000	12	1000	2.5mm x 5.5mm F 2	3.1 x 2.4 x 2.0	Black	6'	1.0	UI/CSA	8.95	7.95	7.29	6
05478	Jameco ReliaPro	DDU120100Z2993	12	1000	2.5mm x 5.5mm F 2	3.1 x 2.4 x 2.0	Black	6'	1.0	UL/CSA	9.95	8.95	7.95	7.
89579	Fellowes	BCU12100	12	1000	2.5mm x 5.5mm right angle F 2	3.2 x 2.2 x 1.9	Black	6'	1.0	UL/CSA	8.95	7.95	7.29	6.
5392	Jameco ReliaPro	DDU120100E7302	12	1000	3.5mm M 2	3.3 x 2.4 x 2.0	Black	6'	1.0	UL/CSA	9.95	8.95	7.95	7.
96779	Jameco ReliaPro	DDU120120G0031	12	1200	2.5mm x 5.5mm F 2	3.0 x 2.3 x 1.9	Black	6'	1.0	UL/CUL	10.95	9.95	8.95	7.
13226	Jameco ReliaPro	DFU120150H4490	12	1500	Stripped & tinned (w/ on-off switch)	3.4 x 2.6 x 2.2	Black	8'	1.5	UL	14.95	13.49	11.95	10
03036	Jameco ReliaPro	DDU120150H4530	12	1500	2.1mm x 5.5mm F 1	3.3 x 2.2 x 1.9	Black	6'	1.5	UL/CUL	14.95	13.49	11.95	10.
36881	Jameco ReliaPro	DDU120150K1960	12	1500	2.1mm x 5.5mm F 2	3.4 x 2.7 x 2.2	Black	6'	1.5	UL	14.95	13.49	11.95	10.
928151	Leader	481215003CT	12		2.5mm x 5.5mm F 2	3.4 x 2.3 x 2.1	Black	6'	1.5	UL/CUL	12.95	11.49	9.95	8
01291	Jameco ReliaPro	D571201500U	12		2.5mm x 5.5mm F 2	3.4 x 2.7 x 2.2	Black	6'	1.5	UL	14.95	13.49	11.95	10
077626	Qualcomm	TXACA036	13		2.5mm x 5.5mm F 2 (Switching)	2.7 x 2.4 x 1.6	Black	6'6"	0.6	UL/CE	10.95	9.95	8.95	7.
08099	Jameco ReliaPro	DDU135100H3210			2.1mm x 5.5mm F 2	2.9 x 2.3 x 1.9	Black	6'	1.0	UL/CUL	10.95	9.95	8.95	7
12812	Jameco ReliaPro	DBU140020F6022			2.1mm x 5.5mm F 2	2.2 x 1.7 x 1.5	Black	6'	0.8	UL/CUL	6.95	6.25	5.59	4
12821	Jameco ReliaPro	DBU140030F6042			2.1mm x 5.5mm F 2	2.2 x 1.7 x 1.5	Black	6'	0.8	UL/CUL	7.95	7.29	6.59	5
29314	Various	DV-1250	14	360	2.5mm x 5.5mm right angle F 2	2.3 x 2.0 x 1.6	Black	6'	0.6	UL/CSA	6.95	5.95	4.95	3
23932	Jameco ReliaPro	DDU140070Z7470	14		2.1mm x 5.5mm F 2	2.6 x 2.4 x 2.0	Black	6'	1.0	UL/CSA	8.95	7.95	7.29	6
02243	Jameco ReliaPro	DDU140070-2.5	14		2.5mm x 5.5mm F 2	3.9 x 2.9 x 2.4	Black	6'	0.8	UL/CUL	7.95	7.29	6.59	5
02260	Jameco ReliaPro	DDU140100F3270			2.1mm x 5.5mm F 2	3.9 x 2.9 x 2.4	Black	6'	0.9	UL/CUL	9.95	8.95	7.95	6
90001	Jameco ReliaPro	DCU150050E3021			12.1mm x 5.5mm F 2	2.3 x 2.4 x 1.9	Black	6,	0.8	UL/CSA	7.95	7.29	6.59	5
89982	Jameco ReliaPro	DCU150050E3021	l		12.5mm x 5.5mm F 2	2.3 x 2.4 x 1.9	Black	6,	0.8	UL/CSA	7.95	7.29	6.59	5
55803	Jameco ReliaPro	DDU150060E5822			2.1mm x 5.5mm F 1	2.9 x 2.3 x 1.9	Black	6,	1.0	UL/CSA	8.95	7.95	7.29	6
	Jameco ReliaPro	DDU150090F4480		900	2.5mm x 5.5mm F 2		Black	6,	1.0	UL/CSA	9.95	8.95	7.95	7
03502					:	2.6 x 2.2 x 1.9						7.95		
51992	Jameco ReliaPro	DDU150100E8181			2.1mm x 5.5mm F 1	3.1 x 2.0 x 1.9	Beige	6'	1.5	UL/CSA	8.95		6.95	5
91652	Jameco ReliaPro	DDU150100D7051			2.1mm x 5.5mm F 2	3.3 x 2.2 x 1.9	Black	6'	1.0	UL/CSA	10.95	9.95	8.95	7.
	Ault	P48151000A020G			2.5mm x 5.5mm F 2	3.3 x 2.3 x 1.9	Black	6'	1.2	UL/CSA	10.95	9.95	6.95	5.
62317	Jameco ReliaPro	DDU165050J19910			2.1mm x 5.5mm F 2	2.5 x 2.0 x 1.7	Black	6'	0.8	UL/CSA	9.95	8.95	7.95	7
81729	Jameco ReliaPro	DCU180025F8680	ı		12.1mm x 5.5mm F 2	2.6 x 2.0 x 1.6	Black	6'	0.6	UL	7.95	7.29	6.59	5.
17568	NiteRider	FE4126180P040	18		2.5mm x 5.5mm F 2 (w/ LED indicator)	3.5 x 2.1 x 1.6	Black	6'	0.8	UL/CUL	7.95	7.29	6.59	5.
63272	Jameco ReliaPro	DDU180050C1031			2.1mm x 5.5mm F 2	2.6 x 2.3 x 1.9	Black	6'	0.8	UL/CUL	8.95	7.95	7.29	6.
06958	Jameco ReliaPro	DDU180100H4551			2.5mm x 5.5mm F 2	3.3 x 2.2 x 1.9	Black	6'	1.4	UL/CUL	9.95	8.95	7.95	7.
02285		DDU240040Z7860			2.1mm x 5.5mm F 2	3.0 x 2.3 x 2.0	Black	6'	0.9	UL/CUL	8.95	7.95	7.29	6
63635	Jameco ReliaPro	DDU240050C1981			2.1mm x 5.5mm F 1	3.1 x 2.3 x 1.9	Black	6'	1.0	UL/CUL	9.95	8.95	7.95	7.
91556	Jameco ReliaPro	DDU240050E5852			2.5mm x 5.5mm F 2	3.1 x 2.3 x 1.9	Black	6'	1.0	UL/CUL	9.95	8.95	7.95	7
39088	Jameco ReliaPro	DDU240050E9160	l		13.5mm M 2	3.1 x 2.3 x 1.9	Black	6'	1.0	UL/CUL	9.95	8.95	7.95	7
918930	Jameco ReliaPro	DDU240060L260 %			2.1mm x 5.5mm F 2	2.9 x 2.2 x 1.9	Black	6'	0.4	UL/CUL	10.95	9.95	8.95	7
68495	Jameco ReliaPro	DFU240080J3180			2.1mm x 5.5mm F 2	2.9 x 1.9 x 1.6	Black	6'	0.4	UL/CUL/TUV	11.95	10.95	9.95	8
20960	Jameco ReliaPro	DFU240100G2300		•	2.1mm x 5.5mm F 1	3.4 x 2.7 x 2.2	Black	6'	1.6	UL/CUL	14.95	13.49	11.95	9
49130	Jameco ReliaPro	AFU240120/G8530			2.1mm x 5.5mm F 1	3.4 x 2.7 x 2.2	Black	6'	1.7	UL/CUL	16.95	14.95	13.49	11
49121	Jameco ReliaPro	DFU240120/G8520			2.1mm x 5.5mm F 2	3.4 x 2.7 x 2.2	Black	6'	1.7	UL/CUL	16.95	14.95	13.49	11
49113	Jameco ReliaPro	DFU240120/G8510	24	1200	2.5mm x 5.5mm F 2	3.4 x 2.7 x 2.2	Black	6'	1.7	UL/CUL	16.95	14.95	13.49	11
99523	Jameco ReliaPro	DDU300050E9340		500	2.5mm x 5.5mm F 2	2.9 x 2.3 x 1.9	Black	6'	1.1	UL/CUL	9.95	8.95	7.95	7
15095	Jameco ReliaPro	MW48-4800250 🕀	48	250	2.5mm x 5.5mm F 2	2.9 x 2.3 x 1.9	Black	6'	1.1	UL/CUL	8.95	7.95	7.29	6
30640	Jameco ReliaPro	MW57-4800500-2.1	48	500	2.1mm x 5.5mm F 2	3.3 x 2.7 x 2.2	Black	6'	1.1	_	10.95	9.95	8.95	7
215109	Jameco ReliaPro	MW57-4800500 2	48	500	2.5mm x 5.5mm F 2	3.3 x 2.7 x 2.2	Black	6'	1.1	_	10.95	9.95	8.95	7
	Jameco ReliaPro	900-051	3, 4.5, 6,	500	1.3 x 3.5, 2.1 x 5.0, 2.5 x 5.5 Female	3.0 x 2.2 x 2.1	Black	6'	0.7	UL/CSA	10.95	9.95	8.95	7.
5309	Jameco Kellar IO		•		2.5, 3.5 Male, 9V battery snap (LED ind.)									

♥ Blue Part No. = Limited Quantity Available



AC-to-DC Wall Adapters & Table-Top Power Supplies

3 LEVELS OF SAVING FRANCHISE GENERIC HOUSE FACTORY OVERRUN

JAMECO ReliaPro



AC-to-DC Regulated Linear Wall Adapters

We specialize in Wall Adapters - Call for additional OEM PRICING. We will change any power plug (pg 60) on any DC wall adapter







Polarity 1 + (center negative) Polarity 2 (center positive) Female(F) Male(M)

listed (100 pc. minimum) for a small additional charge. Female

319986 ★ Web Code: WAZ

				Rating	Output Connector		Output				Pricing				
Part				Current		Input	Size	Case	Cord	Wt.	Agency			-	
Number	Manufacturer	Part No.	(VDC)	(mA)	Female/Male; Polarity ◆	VAC @ Hz	H" x W" x D"	Color	Length	(lbs.)	Approvals	1	10	50	100
164101	Jameco ReliaPro	RDU050050	5	500	2.1mm x 5.5mm F 2	120@60	2.8 x 2.0 x 1.6	Black	6'	0.6	N/A	\$9.95	\$8.95	\$7.95	\$6.95
220935	Jameco ReliaPro	DDU050060	5	600	2.1mm x 5.5mm F 1	120@60	2.7 x 2.2 x 1.9	Black	6'	8.0	UL/CUL	12.95	11.49	9.95	8.95
319986	DVE	DV-580R	5	800	2.5mm x 5.5mm F 2	120@60	3.2 x 2.2 x 2.0	Black	6'	1.0	UL/CUL	12.95	11.49	9.95	8.95
2081609	Condor	RWP480505	5	1000	2.1mm x 5.5mm F 2	120@60	3.2 x 2.2 x 1.9	Black	6'	1.2	UL/CSA	54.95	49.95	44.95	39.95
1953612	Jameco ReliaPro ₹	DBU0501000	5	1000	2.1mm x 5.5mm F 2	120@60	3.3 x 2.2 x 1.9	Black	6'	1.2	UL/CSA	14.95	13.49	11.95	10.95
168605	Jameco ReliaPro	DBU0501000	5	1000	2.5mm x 5.5mm F 2	120@60	3.3 x 2.2 x 1.9	Black	6'	1.2	UL/CSA	14.95	13.49	11.95	10.95
681571	ITE	RWP480505-2	5	1000	2.5mm x 5.5mm right angle F 2	120@60	3.3 x 2.2 x 1.9	Black	6'	1.0	UL/CUL	14.95	13.49	11.95	10.95
1919220	Friwo	FE4823	5	1200	2.5mm x 5.5mm F 2	120@60	3.5 x 2.4 x 1.9	Black	6'	1.2	UL/CUL	14.95	13.49	11.95	10.95
190512	Jameco ReliaPro	DBU60020-H3570	6	200	2.1mm x 5.5mm F 2	120@60	2.2 x 1.7 x 1.5	Black	6'	0.4	UL/CUL	9.95	8.95	7.95	6.95
283573	G.T.	DC600500	6	500	2.1mm x 5.5mm F 2	120@60	3.1 x 2.0 x 1.7	Black	6'	0.6	UL/CSA	10.95	9.95	8.95	7.95
1953701	Jameco ReliaPro	DBU060500	6	500	2.5mm x 5.5mm F 2	120@60	3.1 x 2.0 x 1.7	Black	6'	0.6	UL/CSA	10.95	9.95	8.95	7.95
1953719	Jameco ReliaPro	DBU0601000	6	1000	2.1mm x 5.5mm F 2	120@60	3.2 x 2.3 x 2.0	Black	6'	1.3	UL/CSA	14.95	13.49	11.95	10.95
190529	Jameco ReliaPro	AD9123	9	250	2.5mm x 5.5mm right angle F 2	120@60	2.5 x 2.0 x 1.6	Black	12'	0.5	UL/CSA	9.95	8.95	7.95	6.95
1953621	Jameco ReliaPro₹	DCU09050F1	9	500	2.1mm x 5.5mm F 1	120@60	3.3 x 2.2 x 1.9	Black	6'	0.9	UL/CSA	10.95	9.95	8.95	7.95
1953639	Jameco ReliaPro	DCU09050	9	500	2.1mm x 5.5mm F 2	120@60	3.3 x 2.2 x 1.9	Black	6'	0.9	UL/CSA	10.95	9.95	8.95	7.95
1953647	Jameco ReliaPro	DCU09050	9	500	2.5mm x 5.5mm F 2	120@60	3.3 x 2.2 x 1.9	Black	6'	0.9	UL/CSA	10.95	9.95	8.95	7.95
220898	Jameco ReliaPro	DCU120020	12	200	2.1mm x 5.5mm F 1	120@60	2.5 x 2.0 x 1.7	Black	6'	0.5	UL/CUL	9.95	8.95	7.95	6.95
162996	Jameco ReliaPro	DDU120050	12	500	2.1mm x 5.5mm F 2	120@60	3.2 x 2.2 x 1.9	Black	6'	0.9	UL/CUL	10.95	9.95	8.95	7.95
170245	Jameco ReliaPro	RDU120100	12	1000	2.1mm x 5.5mm F 2	120@60	3.2 x 2.3 x 2.0	Black	6'	1.2	UL/CUL	14.95	13.49	11.95	10.95
1953663	Jameco ReliaPro ?	DCU1201000	12	1000	2.5mm x 5.5mm F 2	120@60	3.3 x 2.3 x 2.0	Black	6'	1.2	UL/CSA	14.95	13.49	11.95	10.95
174861	Jameco ReliaPro	DFU240050	24	500	2.1mm x 5.5mm F 2	120@60	3.4 x 2.7 x 2.2	Black	6'	1.3	UL/CUL	12.95	11.49	9.95	8.95
174879	Jameco ReliaPro	DCU090025	24	500	2.5mm x 5.5mm F 2	120@60	3.4 x 2.7 x 2.2	Black	6'	1.3	UL/CUL	12.95	11.49	9.95	8.95
1953698	Jameco ReliaPro	DFU2401000	24	1000	2.1mm x 5.5mm F 2	120@60	3.4 x 2.7 x 2.2	Black	6'	1.3	UL/CSA	16.95	14.95	13.49	11.95
1953671	Jameco ReliaPro	DFU2401000	24		2.5mm x 5.5mm F 2	120@60	3.4 x 2.7 x 2.2	Black	6'	1.3	UL/CSA	16.95	14.49	11.95	10.95

GlobTek[®]

AC-to-DC Medical Table-Top Regulated Switching Power Supplies

* Web Code: WBM

- 2.5mm x 5.5mm female center positive
- Input voltage: 90-264VAC @ 47-63Hz
- Leakage current: 0.1mA max.
- Regulation (line & load): ±5% 3-wire AC input
- Ripple & noise:1% or 100mV, whichever is smaller · Cord lengths: DC: 6'; AC: not included
- use P/N 115078, pg 112
- UL/CUL/TUV/CE approved for medical applications
- Isolation voltage: 4,000VAC



		Power	Output	Pricing						
Part No.	Mfr. Part No.	(W)	VDC/Amps	1	10	25	100			
230683	TR9CE1250CP ₹	15.6	+12/1.3	\$34.95	\$31.95	\$27.95	\$24.95			
230763	TR9CE4000LCP	49.2	+12/4.0	49.95	44.95	40.95	36.95			
230691	TR9CG1200CP	18.0	+15/1.2	39.95	35.95	31.95	28.95			
230798	TR9CI2100LCP	50.4	+24/2.1	54.95	49.95	45.95	42.95			

MEDIA ReliaPro 115 to 16VAC Table-Top Step-Down Adapter

- Input voltage: 120VAC @ 60Hz Output watts: 64W
- Output plug: 2.1mm (ID) x 5.5mm (OD)
- Weight: 2.8 lbs. · Color: black
- Cord (AC/AC): 6'/6'

Part No.

176604







36-Watt Switching Table-Top Power Supply

- · Output voltage: 5VDC to 24VDC in 1V increments
- Output connectors: 2.5mm & 3.5mm male, 1mm x 3mm, 1.35mm x 3.5mm, 1.5mm x 5mm, 1.7mm x 4mm, 2.1mm x 5mm and 2.5mm x 5mm
- Stabilized outputs, low ripple & interference
- · High efficiency, low energy consumption
- Input voltage.: 100-240VAC @ 50/60Hz
- Short-circuit, overload protection · LED power indicator

Includes: AC power cord

Part No.	Mfr. Part No.	Output Current	Size (L x W x H)	1	10
1537521	PSSMV7U	1.5A to 4A	3.5" x 1.8" x 1.2"	\$49.95	\$44.95

Cigarette Lighter Car Power Adapter

- Switch selectable 1.5V, 3V, 4.5V, 5V, 6V, 9V and 12V
- DC power plugs: 2.5mm x 5mm, 2.1mm x 5mm, 1.5mm x 5mm, 1.7mm x 4mm, 1.3mm x 3.5mm and 0.7mm x 2.35mm
- Powers portable electronic devices such as MP3 players, cell phones, etc.
- Switching power supply provides 1000mA from cigarette lighter plug
- Reversible plug for center positive or negative polarity

Part No.	Mfr. Part No.	Description	1	10	50	100
155230	JCD22A	Car power adapter	\$14.95	\$13.49	\$11.95	\$9.95



Accessory Power Input Cords for Table-Top Power Supplies

107307	30030									1123	WED COUE. KDL		
Part No.	Ref. No.*	Description	Color	AWG	Certification	Cord Length	Wt. (lbs.)	Cord Type	1	10	50	100	
189587	1	2-conductor power cord (Figure 8 style) 🗷	Black	18/2	UL/CSA	6'	0.3	SPT	\$2.35	\$2.15	\$1.95	\$1.79	
38050	2	3-conductor power cord ₹	Black	18/3	UL/CSA	6'	0.4	SVT	4.95	4.49	3.95	3.25	
1953559	3	3-conductor flat power cord (Mickey Mouse style)	Black	18/3	UL/CSA	6'	0.4	SPT-2	2.95	2.49	1.95	1.49	
1951123	3	3-conductor round power cord (Mickey Mouse style)	Black	18/3	UL/CSA	6'	0.4	SVT	3.95	3.49	2.95	2.49	

More Power Cords on Page 112

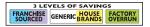
🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.



AC-to-DC Regulated & Unregulated Table-Top Power Supplies

AC-to-DC Regulated & Unregulated Linear & Switching Table-Top Power Supplies We will change any power plug (pg 60) on any table-top power supply (100 pc. minimum) for a small additional charge Color: Black 243109 143714 689661 1950905 673651 220442 4 **(1)** ◆ Polarity 1 (+)—(← (center negative) ee page 113 fo Polarity 2 — (center positive) **69** (E Power Cords Stripped Female (F) Male (M) DIN (M) Output **Output Connector** Output Part Manufacturer Volts (VDC)/ ID x OD/F = female LED Size Cords Wt. Pricing Input Pwr Agency VAC@Hz (L" x W" x H") 50 Number Manufacturer Part No Current (A) M = male; Polarity (W) (DC/AC) (lbs.) Approvals 1 10 100 2-Wire AC Input Unregulated Linear Table-Top Web Code: TBE UL/CUL 190051 APS APS48EA114 +7/1.5 2.5mm x 5.5mm F 2 3.4 x 2.3 x 1.9 \$6.95 \$6.25 \$4.95 \$3.95 243109 Regal JK-91001-N +9/1.0 Stripped & Tinned 120@60 3.3 x 2.2 x 1.9 6'/6' 1.2 UL/CSA 6.95 6.25 4.95 3.95 Jameco ReliaPro Stripped & Tinned 136565 DDC1210F +12/1.0 120@60 12 Nο 3.2 x 2.2 x 1.9 6'/6' 1.2 N/A 9.95 8.95 7.95 6.95 11.95 140880 Jameco ReliaPro DC1215ST +12/1.5 Stripped & Tinned 120@60 18 No 3.1 x 2.1 x 1.9 6'/6' 1.5 UL 10.95 9.95 8.95 6'/6' 143714 Horizon DC1220F1 +12/2.0 2.1mm x 5.5mm F 2 120@60 24 Nο 3.8 x 2.8 x 2.3 2.2 CUL-No UL 14.95 13.49 11.95 10.95 10.95 143722 Jameco ReliaPro DC1220F5 +12/2.02.5mm x 5.5mm F 2 120@60 24 Nο 3.8 x 2.8 x 2.3 6'/6' 2.2 UL/CUL 14.95 13.49 11.95 143731 Jameco ReliaPro DC1220M3 +12/2.0 3.5mm M 2 120@60 24 No 3.8 x 2.8 x 2.3 6'/6' 1.9 CUL-No UL 14.95 13.49 11.95 10.95 139096 Jameco ReliaPro DC2412F1 +24/1.2 2.1mm x 5.5mm F 2 120@60 29 Nο 4.4 x 3.1 x 2.6 6'/6' 2.5 N/A 17.95 15.95 14.49 12.95 2.1mm x 5.5mm F 2 1953815 Nο 5'/6 0.7 19.95 15.95 SR Components +24/1.2 120@60 17.95 13.95 2-Wire AC Input – Regulated Table-Top * Web Code: CEM 120@60 664261 +5/0.75 4-pin DIN M 3.75 4.4 x 2.5 x 2.0 UL/CSA Intermed 062035 6'/6' \$6.25 \$4.95 \$3.95 174845 Jameco ReliaPro₹ DCR2410F12 +24/1 2.1mm x 5.5mm F 2 120@60 24 4.4 x 3.0 x 2.5 17.95 15.95 14.49 12.95 6'/6' 26 UL 3-Wire AC Input -Regulated Line able-Top 689661 R1JG-5500 +5/1; -5/0.5 • 5-pin DIN M 120@60 30 5.1 x 3.6 x 2.8 6'/6 UI \$12.95 \$11.49 \$9.95 \$8.95 Regal 689653 Regal RJM-551228 +5/0.9; -5/0.2; 6-pin DIN M 120@60 55 No 5.1 x 3.6 x 2.8 6'/6 1.3 CUL 10.95 +12/0.62: -28/0.16 2-Wire AC Input Regulated Switching Table-Top * Web Code: DDZ 153752 34-0912-02 +5/2.5 2.5mm x 5.5mm F 2 100-240@50-60 13 3.5 x 2.2 x 1.2 6'/ ² 0.5 UL/CULTUV/CE \$13.95 \$12.49 \$10.95 \$9.95 1586242 Phihona 2 PSAA15W-050-R +5/3.0 2.1mm x 5.5mm F 2 100-240@50-60 15 3.2 x 2.0 x 1.2 61/1 UL/CUL/TUV/CE 13.49 11.95 10.95 ITE Power SYS1102-2005 +5/4.0 2.1mm x 5.5mm F 2 100-240@50-60 20 Yes 4.0 x 2.0 x 1.3 3'6"/ UL/CUL/TUV/CE 16.95 14.95 11.95 379612 Mean Well ES25B05-P1JU +5/4.0 2.1mm x 5.5mm F 2 100-240@50-60 20 Yes 3.1 x 2.1 x 1.3 61/1 UL/CSA/TUV/CE 19.95 17.95 15.95 13.95 380621 Mean Well ES25B05-P1MU +5/4.0 2.5mm x 5.5mm F 2 90-264@47-63 20 Yes 3.1 x 2.1 x 1.3 6'/6' 0.5 UL/CSA/TUV/CE 19.95 17.95 15.95 13.95 Mean Well 1707067 ES25B07-P1J +7.5/2.93 2.1mm x 5.5mm F 2 100-240@50-60 22 Yes 3.1 x 2.1 x 1.3 6'/ 1 0.4 UL/CUL/TUV/CE 14.95 13.49 11.95 10.95 195806 Horizon 🕿 DCR920F12 4.2 x 2.6 x 1.4 UL/CUL/TUV/CE 24.95 22.49 +9/2.0 2.1mm x 5.5mm F 2 100-240@50-60 18 6'/6 0.9 19.95 17.95 Yes +9/2.0 2.5mm x 5.5mm F 2 0.9 UL/CUL/TUV/CE 195768 Jameco ReliaPro DCR920F52 100-240@50-60 4.3 x 2.6 x 1.4 6'/6' 24.95 19.95 18 Yes 22.49 17.95 380681 Mean Well FS25B09-P1MU +9/2.78 2.5mm x 5.5mm F 2 90-264@47-63 25 Yes 3.1 x 2.1 x 1.3 6'/6 0.5 UL/CSA/TUV/CF 27.95 24.95 22.49 19.95 APS 2.5mm x 5.5mm F 2 3.7 x 2.1 x 1.3 6'/ 0.5 1950905 AD715U-1121 +12/1.2 100-240@50-60 No UL/CUL/TUV/CE 15 14.95 13.49 11.95 10.95 191353 Delta ADP-15FR +12/1 25 2 1mm x 5 5mm F 2 100-240@50-60 15 Nο 35 x 2 3 x 1 2 61 0.5 UL/CE 14.95 13.49 11.95 10.95 1586251 Phihong 2 PSAA15W-120-R +12/1.25 12.1mm x 5.5mm F 2 100-240@50-60 15 Nο 3.2 x 2.0 x 1.2 6'/3 0.5 UL/CUL/TUV/CE 14.95 13.49 11.95 10.95 1943043 Fairway VF15B-120 +12/15 2 1mm x 5 5mm F 2 100-240@50-60 18 Nο 3.1 x 2.1 x 1.1 6'/ 0.5 UL/CE/TUV 19.95 17.95 15.95 13.95 Mean Well₹ 3.1 x 2.1 x 1.3 19.95 1940328 GS18B12-P1J +12/1.5 2.1mm x 5.5mm F 2 100-240@50-60 18 Nο 6'/6' 0.5 UL/CSA/CE/CEC 24.95 22.49 17.95 SSL20C-7612 673651 +12/1.67 2.5mm x 5.5mm F 2 100-240@50-60 4.6 x 2.4 x 1.1 3'3"/ 0.4 UL/CSA/VDE Artesyn 20 Nο 14.95 13.49 11.95 10.95 1537555 APD DA-24B12 +12/2.0 2.5mm x 5.5mm F 2 100-240@47-63 24 No 3.6 x 2.2 x 1.3 6'/ ¹ 0.4 UL/CUL/TUV/CE 17.95 15.95 14.49 12.95 379947 FS25B12-P1JU +12/2.08 2.1mm x 5.5mm F 2 100-240@50-60 25 3.1 x 2.1 x 1.3 6'/6' 0.5 UL/CSA/TUV/CE 19.95 17.95 15.95 13.95 220442 SL120300RT +12/3.0 2.5mm x 5.5mm F 2 100-240@50-60 36 Yes 4.3 x 2.0 x 1.2 61/1 0.6 UL/CUL/TUV/CE 24.95 22.49 19.95 17.95 1940336 Mean Well₹ GS18B15-P1JT +15V/1.2 100-240@50-60 18 3.1 x 2.1 x 1.3 6'/6' UL/CSA/CEC 24.95 22.49 19.95 17.95 1707104 Mean Well ES25B48-P1J +15/1.66 2.1mm x 5.5mm F 2 100-240@50-60 25 Yes 3.2 x 2.1 x 1.3 61/1 0.4 UL/CUL/TUV/CE 19.95 17.95 15.95 13.95 1940521 GS25B15-P1.JT +15/1.66 2.1mm x 5.5mm F 2 3.1 x 2.1 x 1.3 6'/6' 0.5 UL/CSA/CEC 100-240@50-60 25 Nο 24.95 22.49 19.95 17.95 1940547 Mean Well ? GS25B24-P1 IT +24/1 04 2 1mm x 5 5mm F 2 25 3.1 x 2.1 x 1.3 61/1 0.5 UL/CSA/TUV/CE/CEC 24.95 22 49 100-240@50-60 Yes 19.95 17.95 221613 Mean Well 8 2.1mm x 5.5mm F 2 27 6'/6' 0.8 UL/CUL/TUV/CE 29.95 P30B-6P2JT +24/1.12 100-240@50-60 Yes 4.3 x 2.6 x 1.4 26.95 23.95 21.95 41/1 229843 Phihona 🕿 PSC60W-240R +24/2.5 2.1mm x 5.5mm F 2 100-240@47-63 60 No 5.1 x 2.4 x 1.3 0.5 UL/CSA/CFC 36.95 33.95 31.95 28.95 1707075 6'/ Mean Well ES18B28-P1J 2.1mm x 5.5mm F 2 3.1 x 2.1 x 1.3 0.5 UL/CUL/TUV/CE 12.95 11.49 9.95 8.95 +28/0.64 100-240@50-60 18 Yes 205911 Delta ADP-25HB +30/0.83 2 1mm x 5 5mm F 2 100-125@50-60 25 Nο 35x24x12 6'/7' 1 1 UL/CUL 10 95 9 95 8 95 7 95 Mean WeⅡ₹ 1940379 GS18B48-P1.JT +48/0.372.1mm x 5.5mm F 2 100-240@50-60 18 Nο 3.1 x 2.1 x 1.3 6'/6' 0.5 UL/CSA/CFC 24.95 22.49 19.95 17.95 1707139 Mean Well FS25B48-P1 I +48/0 52 2 1mm x 5 5mm F 2 100-240@50-60 25 Yes 3.1 x 2.1 x 1.3 6'/1 0.4 UL/CUL/TUV/CE 4.9 x 2.7 x 1.5 196138 DSA-0283A +5/1, +12/1.49 i 5-pin DIN M 100-240@47-63 23 No 6'/ 0.8 UL/CSA/TUV 8.95 7.95 6.95 -5/0.43

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



^{*} See accessory table-top power cord chart on pg 106 when AC cord needed; refer to 1, 2 or 3 in "Cord (DC/AC)" column above for correct power cord † Right angle

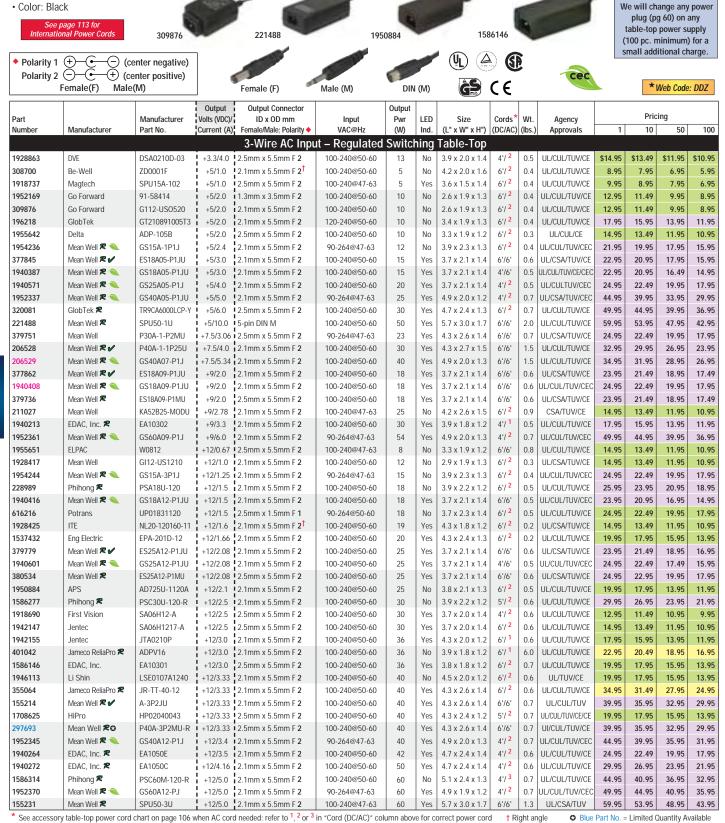
[✓] CEC Equivalent available

³⁻Wire Regulated Table-Top Power Supplies on Next Page

AC-to-DC Regulated Switching Table-Top Power Supplies







3-Wire Regulated Table-Top Power Supplies continued on next page

ROHS compliant product 🕀 This product is available in both ROHS and non-ROHS versions. Add an "R" before part number for ROHS version. Details on page 16:



✔ CEC Equivalent available



AC-to-DC Regulated Switching Table-Top Power Supplies

AC-to-DC Regulated Switching Table-Top Power Supplies (Continued)

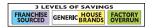


We will change any power plug (pg 60) on any table-top power supply (100 pc. minimum) for a small additional charge.

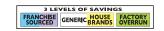


	Female(F) Mal	e(M)		Female (F)	Male (M)	D	IN (M)			C			*	Web Code	e: DDZ
Part		Manufacturer	Output Volts (VDC)/	Output Connector ID x OD mm	Input	Output	LED	Size	Cords*	Wt.	Agency		Pric		
Number	Manufacturer	No.		Female/Male; Polarity	VAC@Hz	(W)	Ind.		(DC/AC)	(IDS.)	Approvals	1	10	50	100
				Vire AC Input – R		`		le-Top (Con							
1940811	Mean Well ₹ ≎	FM90C12-P1MU	i	2.5mm x 5.5mm F 2	100-240@50-60	80	No	5.3 x 2.3 x 1.2		0.9	UL/CUL/TUV/CE	\$69.95	\$62.95	\$56.95	\$49.95
221429	Mean Well 🗷	U65S105-P2JU	1	2.1mm x 5.5mm F 2	100-240@50-60	80	Yes	6.6 x 3.1 x 1.8	6'/6'	2.0	UL/CUL/TUV/CE	69.95	62.95	56.95	49.95
1940846	Mean Well ₹≎	AS-120P-12	+12/8.4	4-pin DIN M	100-240@50-60	100	No	6.6 x 2.6 x 1.4	4'/ ²	1.2	UL/CUL/TUV/CE	79.95	71.95	64.95	59.95
1940432	Mean Well 🗷 🔌	GS18A15-P1JU	+15/1.2	2.1mm x 5.5mm F 2	100-240@50-60	18	Yes	3.7 x 2.1 x 1.4	6'/6'	0.5	UL/CUL/TUV/CEC	22.95	20.49	18.95	16.95
1940619	Mean Well 🗷 🔌	GS25A15-P1J	+15/1.66	2.1mm x 5.5mm F 2	100-240@50-60	25	No	3.7 x 2.1 x 1.4	6'/ ²	0.5	UL/CUL/TUV/CEC	24.95	22.49	19.95	17.95
243012	Mean Well 🕿	P30A-41P2JU	+15/1.8	2.1mm x 5.5mm F 2	100-240@50-60	27	Yes	4.2 x 2.6 x 1.4	6'/6'	0.8	UL/CUL/TUV/CE	29.95	26.95	23.95	21.95
221577	Mean Well 🗷 🔌	GS40A15-P1J	+15/2.67	2.1mm x 5.5mm F 2	90-264@50-60	40	Yes	4.9 x 2.0 x 1.3	6'/ ²	0.8	UL/CUL/TUV/CE/CEC	34.95	34.49	28.95	25.95
391743	Mean Well 🗷 🗸	P66A-4P2JU	+15/4.4	2.1mm x 5.5mm F 2	100-240@50-60	66	Yes	5.8 x 3.0 x 1.7	6'/6'	1.2	UL/CSA/TUV/CE	39.95	35.95	32.49	28.95
1940854	Mean Well 🗷	AS-120P-15	+15/6.7	4-pin DIN M	100-240@50-60	100	No	6.6 x 2.6 x 1.4	4'/ ²	1.2	UL/CUL/TUV/CE	79.95	71.95	64.95	57.95
380550	Mean Well ⊙	ES25A18-P1MU	+18/1.35	2.5mm x 5.5mm F 2	90-264@47-63	25	Yes	3.7 x 2.1 x 1.4	6'/6'	0.6	UL/CSA/TUV/CE	19.95	17.95	15.95	13.95
243046	Mean Well 🗷	P66A-5P2JU	+18/3.66	2.1mm x 5.5mm F 2	100-240@50-60	66	Yes	5.8 x 3.0 x 1.7	6'/6'	1.2	UL/CUL/TUV/CE	44.95	40.95	36.95	32.95
148267	AcBell	AP13AD02	+19/3.42	2.5mm x 5.5mm F 2 [†]	100-240@50-60	65	No	4.2 x 1.8 x 1.1	6'/ ³	0.8	UL/CUL/TUV/CE	49.95	44.95	39.95	35.95
1954279	Mean Well 🗷 🔌	GS15A-6P1J	+24/0.62	2.1mm x 5.5mm F 2	90-264@47-63	12	No	3.9 x 2.3 x 1.3	6'/ ²	0.4	UL/CUL/TUV/CEC	22.95	20.49	18.95	16.95
1940459	Mean Well 🗷 🔌	GS18A24-P1J	+24/0.75	2.1mm x 5.5mm F 2	100-240@50-60	18	Yes	3.7 x 2.1 x 1.4	6'/ ²	0.5	UL/CUL/TUV/CEC	24.95	22.49	19.95	17.95
1940635	Mean Well 🗷 🔦	GS25A24-P1JU	+24/1.04	2.1mm x 5.5mm F 2	100-240@50-60	25	No	3.7 x 2.1 x 1.4	6'/6'	0.5	UL/CUL/TUV/CEC	26.95	23.95	21.49	18.95
380577	Mean Well 🗷 🖸	ES25A24-P1MU	+24/1.04	2.5mm x 5.5mm F 2	100-240@50-60	25	Yes	3.7 x 2.1 x 1.4	6'/6'	0.6	UL/CSA/TUV/CE	26.95	23.95	21.49	18.95
221681	Mean Well 🗷	P30A-6P2JU	+24/1.1	2.1mm x 5.5mm F 2	100-240@50-60	27	Yes	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CSA/TUV/CE	29.95	26.95	23.95	21.95
1940230	EDAC, Inc. 🕿	EA1030D2	+24/1.25	2.1mm x 5.5mm F 2	100-240@50-60	30	Yes	3.9 x 1.8 x 1.2	4'/ ¹	0.5	UL/CUL/TUV/CE	22.95	19.95	17.95	15.95
229026	Phihong 2	PSC30U-240-R	+24/1.25	2.1mm x 5.5mm F 2	100-240@50-60	30	No	4.5 x 2.4 x 1.4	6'/ ²	0.5	UL/CUL/TUV/CE	29.95	26.95	23.95	21.95
1952353	Mean Well 🗷 🔦	GS40A24-P1J	+24/1.67	2.1mm x 5.5mm F 2	90-264@47-63	40	Yes	4.9 x 2.0 x 1.2	6'/ ²	0.7	UL/CUL/TUV/CEC	34.95	31.49	28.95	25.95
297757	Mean Well 🗷	P40A-6P2MU	+24/1.7	2.5mm x 5.5mm F 2	100-240@50-60	40	Yes	4.3 x 2.6 x 1.4	6'/6'	0.7	UL/CUL/VDE/CE	34.95	31.49	28.95	25.95
1537256	Ault	PW125RA2403F2	+24/1.7	2.5mm x 5.5mm F 2	100-250@50-60	41	Yes	3.9 x 2.6 x 1.7	6'/ ²	0.7	UL/CUL/TUV/CE	24.95	22.49	19.95	15.95
1940281	EDAC, Inc. 🗷 🔌	EA1050D	+24/2.08	2.1mm x 5.5mm F 2	100-240@50-60	50	Yes	4.7 x 2.4 x 1.4	4'/ ²	0.6	UL/CUL/TUV/CEC	24.95	22.49	19.95	17.95
1537125	EDAC, Inc. 🕿	EA1050B-240	+24/2.5	2.1mm x 5.5mm F 2	100-240@47-63	60	Yes	4.8 x 2.4 x 1.4	6'/ ²	1.8	UL/CUL/TUV/CE	34.95	31.49	28.95	25.95
1586322	Phihong 🗫	PSC60M-240-R	+24/2.5	2.1mm x 5.5mm F 2	100-240@50-60	60	No	5.1 x 2.4 x 1.3	4'/ ³	0.7	UL/CUL/TUV/CE	32.95	29.95	26.95	23.95
1942788	EDAC, Inc. 🗷 🔌	EA1050B240	+24/2.5	2.1mm x 5.5mm F 2	100-240@50-60	60	Yes	4.8 x 2.4 x 1.4	6'/ ²	1.8	UL/CUL/TUV/CE/CEC	34.95	31.49	27.95	24.95
1952214	Mean Well 🗷 🔌	GS60A24-P1JU60	+24/2.5	2.1mm x 5.5mm F 2	90-264@47-63	60	Yes	4.9 x 2.0 x 1.3	6'/6'	0.7	UL/CUL/TUV/CEC	44.95	39.95	35.95	32.95
161606	Mean Well 🕿	SPU50-6U-R	+24/2.5	2.1mm x 5.5mm F 2	100-240@47-63	60	Yes	5.6 x 2.9 x 1.6	6'/6'	1.3	UL/CSA/TUV	59.95	53.95	48.95	43.95
355056	Jameco ReliaPro 🗷	JR-TT-66-24	+24/2.75	2.1mm x 5.5mm F 2	100-240@50-60	66	Yes	5.8 x 3.0 x 1.7	6'/ ²	1.2	UL/CUL/TUV/CE	44.95	40.95	36.95	32.95
1708342	Potrans	BUP07211240	+24/3.0	2.5mm x 5.5mm F 2	100-240@50-60	72	Yes	5.3 x 2.3 x 1.4	6'/ ²	1.0	TUV/CE	39.95	35.95	31.95	28.95
2078338	Mean Well 🗷 🔌	GS90A24-P1M	+24/3.75	2.5mm x 5.5mm F 2	100-240@50-60	90	No	5.9 x 2.3 x 1.2	4' / ²	0.9	UL/CUL/TUV/CEC	59.95	53.95	47.95	43.95
1940871	Mean Well ₹	AS-120P-24	+24/5.0	4-pin DIN M	100-240@50-60	120	No	6.6 x 2.6 x 1.4	4' / ²	1.2	UL/CUL/TUV/CE	69.95	62.95	56.95	49.95
1707083	Mean Well	ES18A28-P1J	+28/0.64	2.1mm x 5.5mm F 2	100-264@47-63	18	Yes	3.7 x 2.1 x 1.4	6'/ ²	0.5	UL/CUL/TUV/CB/CE	19.95	17.95	15.95	13.95
1940643	Mean Well 🗷 🔌	GS25A28-P1JU	+28/0.89	2.1mm x 5.5mm F 2	100-240@50-60	25	No	3.7 x 2.1 x 1.4	6'/6'	0.7	UL/CUL/TUV/CEC	29.95	26.95	23.95	21.95
1940475	Mean Well 🗷 🔌	GS18A48-P1JU	+48/0.37	2.1mm x 5.5mm F 2	100-240@50-60	18	No	3.6 x 2.1 x 1.4	6'/6'	0.5	UL/CUL/TUV/CEC	24.95	22.49	19.95	17.95
379903	Mean Well	ES25A48-P1JU	+48/0.52	2.1mm x 5.5mm F 2	100-240@50-60	25	No	3.7 x 2.1 x 1.4	6'/6'	0.5	UL/CUL/TUV	19.95	17.95	15.95	13.95
1940651	Mean Well 🗷 🔌	GS25A48-P1J	+48/0.52	2.1mm x 5.5mm F 2	100-240@50-60	25	No	3.7 x 2.1 x 1.4	6'/ ²	0.5	UL/CUL/TUV/CEC	27.95	24.95	22.95	19.95
380606	Mean Well 🗷	ES25A48-P1MU	+48/0.52	2.5mm x 5.5mm F 2	100-240@50-60	25	Yes	3.7 x 2.1 x 1.4	6'/6'	0.6	UL/CSA/TUV/CE	19.95	17.95	15.95	13.95
215088	Mean Well 🗷	P30A-8P2JU	+48/0.56	2.1mm x 5.5mm F 2	100-240@50-60	27	Yes	4.3 x 2.6 x 1.4	6'/6'	0.7	UL/CSA/TUV/CE	29.95	26.95	23.95	21.95
221584	Mean Well 2	P40A-8P2JU	+48/0.8	2.1mm x 5.5mm F 2	100-240@50-60	40	Yes	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CUL/TUV/CE	34.95	31.49	28.95	25.95
221585	Mean Well 🗷 🔌	GS40A48-P1J	+48/0.84	2.1mm x 5.5mm F 2	100-240@50-60	40	Yes	4.9 x 2.0 x 1.3	6'/6'	0.8	UL/CUL/TUV/CE	39.95	35.95	32.95	29.95
172065	Mean Well ?	SPU50-9U	+48/1.25	2.1mm x 5.5mm F 2	100-240@50-60	60	Yes	5.6 x 2.9 x 1.7	6'/6'	1.3	UL/CSA/TUV	59.95	53.95	47.95	42.95
1952396	Mean Well 🗷 🔌	GS60A48-P1JU	+48/1.25	2.1mm x 5.5mm F 2	90-264@47-63	60	Yes	4.9 x 2.0 x 1.2	6'/6'	0.7	UL/CUL/TUV/CE/CEC	59.95	53.95	47.95	42.95
196270	Jameco ReliaPro 🗷	PSU25A13	+5/2.5, +12/1.0	4-pin mini DIN M	100-240@47-63	25	No	4.2 x 2.6 x 1.4	6'/4'	1.2	UL/CUL/TUV/CE	32.95	29.95	26.95	23.95
221720	Mean Well 🗷	P25A14E-R1BU	+5/2.5, ±15/0.3	5-pin DIN M	100-240@50-60	25	Yes	4.3 x 2.6 x 1.4	6'/6'	0.8	UL/CUL/TUV/CE	34.95	31.49	28.95	25.95
190960	Mean Well 🗷	P25A13D-R1U	+5/2.5, +12/0.8 -12/0.3	, 5-pin DIN M	100-240@50-60	26	Yes	4.1 x 2.6 x 1.4	6'/6'	1.1	CUL/TUV/CE	39.95	35.95	32.95	29.95
221702	Mean Well 🗷	P50A13D-R1BU	+5/4.0, +12/2.0	5-pin DIN M	100-240@50-60	50	Yes	5.7 x 3.0 x 1.7	4'/6'	1.5	UL/CUL/TUV/CE	49.95	44.95	40.95	36.95
237367	Mean Well 🗷	P50A14E-R1BU	-12/0.5 +5/3.5: +15/1.2	5-pip DIN M	100-240@47-63	42	Yes	5.8 x 3.0 x 1.7	4'/6'	1.2	UL/CUL/TUV/CE	54.95	49.95	44.95	40.95
23/30/	Ivical I vveli	T JUM 14E-K IBU	-15/0.3	- σ-ριπ στιν ινι •	100-240@47-03	42	162	J.0 A J.0 X 1.7	470	1.2	OL/COL/TOV/CE	54.75	47.70	44.70	40.90
							_								

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



Interchangeable Adapters, Audio & Power Transformers



Energy Star Worldwide Interchangeable Wall Plug Adapters

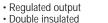
Meets US and European Energy Star compliance. Approved for European high-efficiency power applications.

- Field changeable AC plugs (sold separately, see below) Power-On LED
- Input voltage: 90-264VAC @ 47-63Hz
- Output connector: 2.1mm x 5.5mm female center positive

Class B EMI

Load regulation: ±5% Wall Adapters (plug clip required, see below)

 Applications: wireless communications, portable equipment, digital camera, peripherals, networking











* Web Code: NBH

C E

				Output Volt.		Ripple	Line	Efficiency	Dimensions		l	Pricing	
Part No.	Mfr.	Mfr. Part No.	Power (W)	(VDC)	Current (A)	(mVp-p)	Regulation	(%)	(L" x W" x H")	1	10	50	100
1950761	Phihong	PSA05R-050PA ₹	5	5	1.0	50	±1%	60 - 75	2.8 x 1.8 x 1.2	\$11.95	\$10.95	\$9.95	\$8.95
662881	Phihong	PSM11R-120 ₹	10	12	0.84	120	±5%	65 - 70	2.8 x 1.8 x 1.2	17.95	15.95	14.49	12.95
662910	Phihong	PSA15R-120P ₹	15	12	1.25	120	±5%	70 - 85	2.8 x 2.0 x 1.3	19.95	17.95	15.95	14.49

Plug Clips (sold separately, required for above adapters)

Part No.	Mfr.	Mfr. Part No.	Description	1	10	50	100
229155	Phihong	RPA ₹	USA plug only (1) pictured above	\$.69	\$.65	\$.59	\$.55
229163	Phihong	RPE ₹	European plug only (1) pictured above	.69	.65	.59	.55
229171	Phihong	RPK ₹	United Kingdom plug only (1) pictured above	.99	.89	.79	.75
2081422	Phihong	RPS ₹	Australia plug only (1) pictured above	.69	.65	.59	.55
229181	Phihong	RPKIT ₹	Plug Clip Kit includes RPA/RPE/RPK/RPS clips (4) pictured above	2.95	2.75	2.49	2.25

50



AC-to-DC 2.5 Watt USB Power Adapter

With Interchangeable Plug

- Voltage input: 90-264VAC @ 47-63Hz
- Voltage output: 5VDC @ 0.5A
- Efficiency: 55% (typical)
- Leakage current: 0.20µA max.
- Type A USB socket UL/CUL/TUV/CE approved
- Size: 2.97"L x 1.81"W x 1.25"H

Product No Part No 10 25 PSC30R-050 2 \$8.95 \$12.95 \$11.49 \$9.95

PC Mount Audio Transformer

- Impedance matching: 10% over frequency range 6-pin PC mount
- Impedance (Ω): 600CT/600CT Primary DC Unbalance: 15mA

Part No.	Mfr. P/N	Output (mW)	Size	1	10	100
630459	TY-145P ≉	100	5/8"H x 9/32"D x 13/16"L	\$3.79	\$3.19	\$2.49

TRIAD PC Mount Data/Voice Dual Transformer

- Frequency range: data voice: 300 3500Hz: data: 800 to 3500Hz
- Trans-hybrid loss: 50dB
- Dielectric strength FCC68.304: 1500V
 Power level: -45dBm to +7dBm
- Meets FCC part 68.310: 60dB min., 200-1000Hz; 45dB min., 1000-4000Hz

			Impeda	ance (Ω)	DC Current	Typical	Loss dB	Pricing					
l	Part No.	Prod. No.	Primary	Secondary	(mA) max.	Insertion	Return	1	10	50			
	630475	TY-300P	600 (4W)	600/600	0	0.8	30	\$4.95	\$4.39	\$3.49			

24-Watt Switching Table-Top Power Supply

- Input voltage: 100-240VAC @ 50-60Hz
- Output current: 2A
- Output connectors: 2.5mm & 3.5mm male, 1mm x 3mm, 2.1mm x 5mm, 2.5mm x 5mm, 1.35mm x 3.5mm x & 1.7mm x 4mm
- Interchangeable AC input plugs for USA/UK/Europe/Taiwan/China
- Selectable outputs: 3VDC, 4.5VDC, 6VDC, 7.5VDC, 9VDC, 12VDC

Part No.	Mfr. Part No.	Size (H x W x D)	1	10	25
1537491	PSSMV3	4.7" x 3.3" x 2.5"	\$39.95	\$35.95	\$32.95

*Audio Transformers Online — Enter Web Code SAJ

PC Mount Modem Coupling Transformers

125357: • Insulation resistance: 100MΩ

±20% impedance matching and DC resistance matching

Hipot tested: 1000VAC

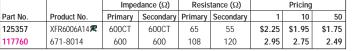
Core type: EI-14

· Vacuum wax impregnated

117760:

· Dielectric strength: 1250VAC

117760 Insertion loss: 2.50dB @ 1kHz



Fia.

International Step-Up & Step-Down Transformers * Web Code: RAL Primary Dimensions Product Secondary Power Pricing Part Number Number Fia Step Voltage Voltage (VA) W" (lbs.) Type D" 10 25 85008 AC220V300 2/A 110VAC 300 3 50 3 95 48 \$49.95 \$44.95 \$39.95 Auto αU 220VAC 3.05 221331 G1S-500₹ 2/A Isolation 110VAC 110VAC 500 4.69 3.75 6.00 16.0 69.95 62.95 56.95 221217 P8689 2/A 110VAC 220VAC 1000 4.63 3.75 6.13 17.0 79.95 71.95 Auto 89.95 99573 AC110V50 1/B Auto Down 220VAC 110VAC 50 2.50 1.63 1.33 0.7 9.95 8.95 7.95 85016 AC110V300 2/R 220VAC 110VAC 3.50 3.05 3.95 49.95 39.95 Auto Down 300 4.8 44.95 111851 AC110V500 2/R 220VAC 8.5 Auto Down 110VAC 500 3 99 3.60 4 84 69 95 62 95 56 95 AC110V1500 2/R 220VAC 1500 109 95 99 95 89 95 142906 Auto Down 110VAC 5 25 4 50 5.75



Fig. 2 Fig. B Plug



* Web Code: BAN

125357

Quick-Connect Power Transformers

• Bobbin wound for smaller size and reduced electrostatic shielding requirements Input voltage: 115/230VAC, 50-60Hz Terminals: quick-connect, solder





			Triad	Input	Output		Size of	U	ımensıo	ns	Wt.		Pricing	
3	Part No.	Product No.	Cross*	Voltage	Voltage	VA	Connect	L"	W"	H"	(lbs.)	1	10	25
	104387	XFR1225Q	FD612	115/230VAC	12.6VCT @ 2.5A	31.5	0.187"	1.75	2.33	2.00	1.3	\$13.95	\$12.49	\$10.95
	104409	XFR1635Q 🕿	FD716 [†]	115/230VAC	16VCT @ 3.5A	56.0	0.141"	2.25	2.68	2.33	1.8	15.95	14.49	12.95
0	101864	XFR2424Q ⊕	FD724	115/230VAC	24VCT @ 2.4A	57.6	0.141"	2.10	2.70	2.29	1.7	13.95	12.49	10.95
	104417	XFR3615Q 🕿	FD736	115/230VAC	36VCT @ 1.5A	54.0	0.141"	2.30	2.70	2.30	1.8	15.95	14.49	12.95

† Terminal solder lugs are on same side * Triad cross is for reference only

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.





Non-concentrically wound with primaries and secondaries side-by-side providing low capacitive coupling.

 Primary: 115/230VAC, 50-60Hz

· PC terminal pin spacing for accurate placement



221292

	Pa
W	22
H	10
	11

2.5 to 12.6VA Split-Bobbin Power Transformers

* Web Code: LBK

			Iriad	Input		Individual	Parallel	Series	DI	IIIEIISI	UIIS	VVt.		Pricing	
	Part No.	Product No.	Cross*	Voltage	VA	Output	Output	Output	L"	W"	Н"	(lbs.)	1	10	100
1	221292	DSW-312	FS12200	115/230	2.5	6.3V @ .20A	6.3V @ .40A	12.6VCT @ .20A	1.38	1.13	1.19	0.3	\$5.95	\$5.35	\$4.79
4	102534	XFR1205SB₹	FS12500	115/230	6.3	6.3V @ .50A	6.3V @ 1.0A	12.6VCT @ .50A	1.32	1.64	1.38	0.4	6.95	6.25	4.95
"	116089	14A-2.5R-2Y	Signal	118/230	2.5	12V @.20A	12V @ .40A	24VCT @ .10A	1.62	1.31	1.12	0.25	4.95	4.49	3.95
	102593	XFR2405SB 🕿	FS24500	115/230	12.0	12V @ .50A	12V @ 1.0A	24VCT @ .50A	1.58	1.90	1.46	0.7	7.95	6.95	5.95
	148559	XFR3603SB	FS36350	115/230	12.6	18V @ .35A	18V @ .70A	36VCT @ .35A	1.59	1.91	1.46	0.7	7.95	6.95	5.95
	209015	ST-6-48	_	115	19.2	24V @.40A	24V @ .80A	48VCT @ .40A	1.88	2.25	1.40	0.8	3.95	3.59	2.95

^{*} Triad cross is for reference only

Power transformers have both single and dual-voltage input and center-tapped outputs. This makes them the perfect choice for power supply design or for use in transformer, rectifier and filter circuits.

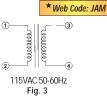
Primary: 115VAC or 115/230VAC, 50-60Hz

7.6 to 288VA Power Transformers











						:	29226	115	Fig.1	OI IZ	113	Fig.	2	IZ.		ig. 3		~	
	Mfr.	Triad		Primary			Se	condary			Lead		1	Dimensio	ns	Wt.		Pricing	
Part No.	Part No.	Cross#	С	olor Code		VA	Voltage		Color Cod	de	Type	Fig.	L"	W"	H"	(lbs.)	1	10	100
102163	XFR6102 ₹	F314X	Black	Yellow*	Red	7.6	6.3VCT @ 1.2A	White	Black*	White	Wire	2	1.84	2.40	1.67	0.8	\$6.95	\$6.25	\$4.95
105523	XFR0910 ⊕	N/A	Black	White*	Red	9.0	9VCT @ 1A	Blue	Black*	Blue	Wire	2	1.82	2.43	1.67	0.7	6.95	6.25	4.95
221400	P-8657 2	F218X	Black	N/A	Black	24.0	12VAC @ 2A	White	N/A	White	Wire	3	1.89	2.75	1.99	1.3	8.95	7.95	5.95
221356	P-8658	F219X	Black	N/A	Black	48.0	12VAC @ 4A	White	N/A	White	Wire	3	2.25	4.00	2.63	2.3	12.95	11.49	8.95
29226	XFR122₹	F44X	Yellow	N/A	Yellow	25.2	12.6VCT @ 2A	Blue	Red*	Black	Wire	1	2.41	2.79	1.99	1.5	13.95	12.49	9.95
102155	XFR1220 ₹	F344X	Black	Yellow*	Red	25.2	12.6VCT @ 2A	White	Black*	White	Wire	2	2.35	2.32	1.97	1.5	13.95	12.49	9.95
149771	XFR1240 ₹	F3181U	Black	Red*	Yellow	50.4	12.6VCT @ 4A	White	Black*	White	Wire	2	2.45	3.20	2.25	2.2	14.95	13.49	10.95
102121	XFR124	F181U	Black	N/A	Black	50.4	12.6VCT @ 4A	White	Black*	White	Wire	1	2.45	3.21	2.26	2.7	15.95	14.95	11.95
105532	XFR1810 ₹	N/A	Blue	Red*	Black	18.0	18VCT @ 1A	Yellow	Black*	Yellow	Wire	2	2.20	2.81	1.99	1.2	8.95	7.95	5.95
149957	XFR1820 ₹	N/A	Black	Red*	Yellow	36.0	18VCT @ 2A	White	Black*	White	Wire	2	2.25	3.15	2.71	1.8	10.95	9.95	7.95
221382	P8396 ₹	N/A	Black	N/A	Black	9.6	24VCT @ 0.4A	White	Black*	White	Wire	1	1.63	2.80	1.97	0.6	6.95	6.25	4.95
102112	XFR2410 ₹	F346X	Black	Yellow*	Red	24.0	24VCT @ 1A	White	Black*	White	Wire	2	2.41	2.80	1.99	1.5	10.95	9.95	7.95
221373	P-8662	F192X	Black	N/A	Black	48.0	24VCT @ 2A	White	Black*	White	Wire	1	2.44	3.60	2.23	2.3	13.95	12.49	9.95
112513	XFR242NZ	F229X	Black	N/A	Black	48.0	24VAC @ 2A	White	N/A	White	Wire	3	2.33	3.16	2.28	1.8	13.95	12.49	9.95
221365	P-8663 2 †	F193U	N/A	N/A	N/A	96.0	24VCT @ 4A	N/A	N/A	N/A	Lug	1	2.81	2.94	4.00	4.0	19.95	17.95	15.95
221411	P-8666 ₹ †	F226U	N/A	N/A	N/A	288.0	24VCT @ 12A	N/A	N/A	N/A	Lug	1	4.63	3.75	4.63	11.2	49.95	46.95	42.95
99654	XFR242	N/A	Red	N/A	Red	49.2	24.6VCT @ 2A	Blue	Yellow*	Blue	Wire	1	2.44	3.22	2.30	2.5	13.95	12.49	9.95
102104	XFR2520 ₹	F341X	Black	White*	Red	50.4	25.2VCT @ 2A	Orange	Black*	Orange	Wire	2	2.45	3.22	2.26	2.8	13.95	12.49	9.95
149797	XFR2820 ₹	F3185U	Black	Red*	Yellow	56.0	28VCT @ 2A	White	Black*	White	Wire	2	2.45	3.22	2.26	2.3	13.95	12.49	9.95

† Solder terminals

Center tap

Triad cross is for reference only

500 to 200VA Variable Transformers

- · Input: 110VAC or 220VAC
- Power: 500, 1000 or 2000VA
- Output: 0-240VAC
- · Banana/screw input terminals
- · Universal US/European output plugs
- Lighted on/off power switch



121276

Part No.	Fuse	Size (L" x W" x H")	Wt. (lbs.)
121276	3A/250V (P/N 69438)	5.3 x 7.3 x 7.0	10.4
129008	5A/250V (P/N 10401)	9.4 x 6.5 x 7.7	14.8
152582	10A/250V (P/N 69462)	9.0 x 7.0 x 7.7	19.8
Part No.	Description	1	10 50
121276	500VA trans. ₹	. \$109.95 \$99.9	95 \$89.95

Current Sensing Transformer

1000VA trans. ₹ 139.95 124.95 114.95

2000VA trans. 219.95 199.95 179.95

- Inductance: 5mH Turns: 60
- Sensitivity current (I_{in}): 1A
- Freq. range: 10-50 kHz

129008

152582

- Sensitivity voltage (V_{out}): 1V
- Terminating resistor: 50Ω
- Max. current: 300mA
 Size: 0.7"W x 0.46"D x 0.8"H Part No. Product No. 10 164718 MTC30101 ⊕ \$1.95 \$1.85 \$1.35

320VA Variable AC Transformer

- Input voltage: 110VAC @ 50-60Hz
- Matching input/output terminals: P/N 103668 & 109112 (disconnect .25" solderless terminals), pg 77
- · Maximum current: 2.5A
- · Shaft length: 0.5"
- Size: 2.8"Dia. x 2.1"H
 - Panel mount
- · Weight: 2.5 lbs. · One-year warranty

Includes: 3 disconnect .25" solderless terminals Description 10 1

Part No. 149324 320VA variable₹ \$59.95 \$53.95 \$47.95

EMI Suppression Cores with Case

Reduce Electromagnetic Interference (EMI) with a snap of these suppression cores around a power cord or data cord. Easy to install and an affordable way to





Closed reduce EMI without redesigning your product.

Round Part No. Size (OutDia. x InDia. x L) 10 100 218174 .64" x .20" x 1.15"**≈** **\$1.25** \$.99 \$.75 .78" x .34" x 1.40"**≈** **1.49**

217842 Square

Part No. Size (L" x W" x H") 10 100 1952901 1.30 x .70 x .77 (black) \$1.95 \$1.59 \$1.25

550VA Variable AC Transformer

- Input volt.: 110VAC @ 60Hz
- Output volt.: 0-140VAC Panel mount Rated current: 5A One-year warranty
- · Input/output terminals: binding
- post with 0.188" diameter post
- Size: 4.3"Dia. x 4.0"H
 Weight: 6.8 lbs.

Part No. Description 550VA variable ₹ \$99.95 \$89.95 \$79.95

* Variable Transformers Online — Enter Web Code MAR

Isolation Transformer 120VAC to 120VAC

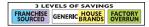
- · Input connector: 5.5' cord with 2-prong plug
- Input voltage: 120VAC @ 60Hz
- Output voltage: 120VAC @ 2.5A (isolated)
- Size: 4.2"H x 3.2"W x 4.6"D · Weight: 7.0 lbs. Part No. Product No. 1 10

100 181315 ITR300 \$39.95 \$35.95 \$31.95

Benchtop Power Supplies see pages 139-140



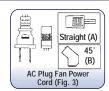
For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above

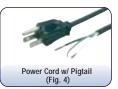


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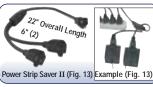














AWG/ Cord

Color Cond Type

Beige 18/2 SPT-2

Black 18/2 SPT-2



Pricing

10

\$1.99

1.99

50 100

1.85

\$1.85 \$1.69

\$1.39





* Web Code: UBF

18 125 10

16 125 12



15

1250

1500

1875

Part No

152187

124434

2 & 3-Conductor Pigtail, Detachable & Hospital Grade Power Cords

· Molded connectors

Product

No.

· Excellent resistance to jacket abrasion

2-Conductor Line Cord with Pigtail

17106BG ₹ JVP

· Voltage rating: 300 volts • Temperature: -20°C to +60°C

\$2.25

14 125 3-Conductor Detachable Power Cords (Shielded) 290B/386A Plugs

						•						
	Product						AWG/	Cord				
Part No.	No.	Mfr.	Wt.	Fig.	Length	Color	Cond	Type*	1	10	50	100
213874	17660BG	JVP	.40	5	6'	Beige	18/3	SVT	\$4.25	\$3.79	\$3.49	\$2.95
161761	17742	SLA	.40	5	6'	Black	18/3	SVT	4.49	3.95	3.59	2.95
1537459	LL6415	+	.40	5	9'10"	Beige	18/3	SJT	4.95	4.49	3.75	2.75

2-Conductor "8" Style Power Cords for Laptops and Power Supplies

6'

Mfr. Wt. Fig. Length

.20

JVP .16

355944	VW-1G	+	.30	2A	6'	Gray	18/2	SPT-2	\$1.75	\$1.59	\$1.39	\$1.25
189587	VW-1 ₹	+	.30	2A	6'	Black	18/2	SPT-2	2.35	2.15	1.95	1.79

2-Condu	ctor "D" Stj	yıe r	owe	er Ca	ora toi	· Lapti	ops aı	na Pov	ver Sup	pues		
200791	11114039	+	30	2B	6'	Black	18/2	SPT-2	\$1.95	\$1 79	\$1 59	

2-Conductor AC Plug Fan Power Cords

1952581	FAC45 🕿	+	.40	3B	6'	Black	18/2	SPT-2	2.95	2.49	2.19	1.95
	FACS 🗷											

3-Conductor Power Cords with Pigtail (Unshielded) 290 Plug

38009	17237 🕿	JVP	.31	4	6'	Gray	18/3	SVT	\$3.79	\$3.39	\$2.95	\$2.79
37997	17236 🕿	JVP	.30	4	6'	Black	18/3	SVT	3.79	3.39	2.95	2.79
173810	17405 🕿	JVP	.14	4	6'	Gray	18/3	SJT	3.95	3.55	3.19	2.89
159410	17405B 🕿	JVP	.37	4	6'	Black	18/3	SJT	3.95	3.55	3.19	2.89
1585514	CPB-FL-08 [†]	+	.56	4	8'	Black	18/3	SVT	4.29	3.85	3.49	3.19
38025	17238 🕿	JVP	.42	4	8'	Black	18/3	SVT	4.49	3.95	3.55	2.95
339688	17407 🕿	JVP	.60	4	8'	Black	18/3	SJT	4.79	4.39	3.79	3.39
102007	17535B ≈ ††	JVP	.49	4	10'	Black	18/3	SVT	4.95	4.49	3.95	3.49
196286	LL40378 🕿	JVP	.80	4	10'	Black	16/3	SJT	6.95	6.25	5.59	4.95
166925	17516 🕿	JVP	.41	4	6'7"	Black	14/3	SJT	7.95	7.19	6.49	5.79
100272	17629B ≈	JVP	.88	4	9'	Black	14/3	SJT	8.95	7.95	7.19	6.49
+ t & la	ad tarminala (۰۱ †	+		a atamda		-41	1				

† with crimped terminals (3) † European standard insulation color code

	Product					i	AWG/	Cord		Prici	ng	
Part No.	No.	Mfr.	Wt.	Fig.	Length	Color	Cond	Type*	1	10	50	100
213874	17660BG	JVP	.40	5	6'	Beige	18/3	SVT	\$4.25	\$3.79	\$3.49	\$2.95
161761	17742	SLA	.40	5	6'	Black	18/3	SVT	4.49	3.95	3.59	2.95
1537459	LL6415	+	.40	5	9'10"	Beige	18/3	SJT	4.95	4.49	3.75	2.75
3-Condu	ctor Comp	utor	Рои	ıor S	Sunnly	Fytor	sion	Cords	(150/38	RAA Plu	iue)	

206172	PEC-3	+	.22	6	3'	Black	18/3	SJT	\$2.95	\$2.65	\$2.39	\$2.19
319804	LR94903	+	.82	6	6'	Gray	18/3	SVT	3.49	3.19	2.75	2.25
28468	PEC	JVP	.36	6	6'	Black	18/3	SVT	3.95	3.55	3.19	2.79
420224	10W1-02212	JVP	.53	6	12'	Black	18/3	SVT	5.95	5.39	4.79	4.25

3-Conductor Power Cords with Pigtail (Unshielded) 910 or 386 Plug

340056	17537 🕿	JVP	.37	7A	9'10"	Black	18/3	SJT	\$4.95	\$4.49	\$3.95	\$3.49
340072	17521 🕿	JVP	.80	7B	9'10"	Black	16/3	SJT	4.95	4.49	3.95	3.49

3-Conductor Right Angle Detachable Power Cords (Unshielded) 290B/910 Plugs

117357	8120-6177 🕿	JVP	.41	8	6'	Gray	18/3	SVT	\$4.09	\$3.65	\$3.29	\$2.89
38077	17250R 🕿	JVP	.54	8	6'	Black	18/3	SVT	3.95	3.55	3.19	2.79
177384	17507 🕿	JVP	.28	8	10'	Black	18/3	SJT	4.95	4.49	3.95	3.49
222958	17510	+	.88	8	6'7"	Black	14/3	SJT	6.95	6.25	5.59	4.95

3-Conductor Right Angle Detachable Power Cord (Shielded) 290B/910 Plugs JVP .16 8 6'7" Black 18/3 SVT \$5.95 \$5.39 \$4.79 \$4.25

3-Conductor Hospital Grade Power Cords (green dot)

132011	17006G 🕿	JVP	.82	10	10'	Gray	16/3	SJT	\$10.95	\$9.95	\$8.95	\$7.95
115078	17006 🕿	JVP	.84	10	10'	Black*	16/3	SJT	10.95	9.95	8.95	7.95
1537563	17510HG	+	.82	9	10'	Gray	14/3	SJT	8.95	7.95	6.95	5.95
* Cloar plua												

3-Conductor Detachable Power Cords (Unshielded) 290B/386A

o oonaa	otor Dotaoi	,un			00,4	(0113	mora	04, -	00,000	•		
38041	17249 🕿	+	.37	5	6'	Beige	18/3	SVT	\$3.95	\$3.59	\$3.19	\$2.49
103747	17248	JVP	.34	5	6'	Gray	18/3	SVT	4.49	3.95	3.59	2.95
38050	17250 🕿	+	.36	5	6'	Black	18/3	SVT	4.95	4.49	3.95	3.25
132118	17500 🕿	JVP	.44	5	6'	Black	18/3	SJT	4.95	4.49	3.95	3.25
1585637	171096	+	.60	5	8'	Black	18/3	SVT	3.95	3.55	3.19	2.79
171096	17758	+	.60	5	8'	Black	18/3	SJT	4.95	4.49	3.95	3.49
117584	17502 🕿	JVP	.37	5	8'	Gray	18/3	SVT	4.95	4.49	3.95	3.49
102024	17501V 🕿	JVP	.55	5	10'	Black	18/3	SVT	5.95	5.39	4.79	4.29
163361	6952299	JVP	.33	5	14'	Black	18/3	SJT	6.95	6.25	5.59	4.95
1928441	LL61597	+	2.0	5	25'	Black	18/3	SVT	7.95	6.95	5.95	4.95
340291	17001A 🕿	JVP	.31	5	3'	Black	16/3	SJT	3.95	3.59	3.19	2.79
159361	17602	JVP	.52	5	6'	Black	16/3	SJT	6.95	5.95	5.35	4.79
1537230	LL34877	+	.72	5	8'	Black	16/3	SJT	7.95	6.95	6.25	5.59
1943078	E204241-C	+	.72	5	6'7"	Black	14/3	SJT	6.95	6.25	5.59	4.95
125541	17504	JVP	.72	5	6'7"	Black	14/3	SJT	7.95	7.19	6.49	5.79

3-Conductor Computer Monitor Power Adapter Cord (150/386 Plugs) 177448 MPC1 8 JVP 16 11 1' Black 18/3 SVT \$2.95 \$2.59 \$2.25 \$1.95

ı	.,,	1411 0 1 1	0				Diadic	.0,0		1	\$2.07	42.20	41170	
	3-Conductor Detachable Power Cord (Power Strip Saver) 290B/386 Plugs 208339 P55-BR ₹ JVP 1.16 12 1' Beige 18/3 SVT \$2.49 \$2.25 \$1.95 \$1.75													
	208339	P55-BR ₹	JVP	.16	12	1'	Beige	18/3	SVT	\$2.49	\$2.25	\$1.95	\$1.75	

199778	PSS-1 ₹	JVP	.16	12	1'	Black	18/3	SVT	2.95	2.59	2.25	1.95
	ctor Power											
208347	GPR-2006 ≈	+	.38	13	22"	Black	18/3	SVT	\$6.95	\$6.25	\$5.59	\$4.95

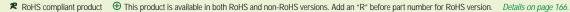
3-Conductor Power Cord ("Y" Twin End) 150/386 (2) Plugs

	340566	17268A 🕿	JVP	.32	14	4'	Black	18/3	SJT	\$7.95	\$6.95	\$5.95 \$4.9	5
--	--------	----------	-----	-----	----	----	-------	------	-----	--------	--------	--------------	---

3-Conductor "Mickey Mouse" Style Power Supply Cords

	MMFLAT											
1951123	MMPC ₹	+	.40	15	6'	Black	18/3	SVT	3.95	3.49	2.95	2.49

^{*}Thermoplastic Cord Jacket Type: SPT-2 (Flat): Junior duty; SVT (Round): Light service; SJT (Round): Junior service







JAMECO ValuePro

174633

Power Cords, Power Entry & Line Filters & AC Receptacles

International Power Cords

- 3-conductor detachable power cords
- Excellent resistance to jacket abrasion

21071H5182 UK/Ireland

 Cord type: H05VVF Cord color: black: except 1950702: beige • Voltage rating: 300V

3/1.0mm²

· BSI: British Standard Institution

- Cora cor	UI. DIACK, CAC	ері 1730	ruz. beige	· VOIL	age rating	. 3001						
			Agency	Cord			Pri	cing				
Part No.	Mfr. Part No.	Country	Approvals	Length	Conductors	1	1 10 100 25					
117911	PCVDE-6B ₹	Europe	All in Fig. 1	6 ft.	3/0.75mm ²	\$4.29	\$3.95	\$3.59	\$3.29			
1050702	DC11242A	LIV	ATCA	4 ft	2/1 0mm²	E OE	4 OE	4 40	2.05			

8 ft.

BSI

1.0mA (10000pF) @ 250VAC 50Hz: 0.45mA; 2.0mA (10000pF)







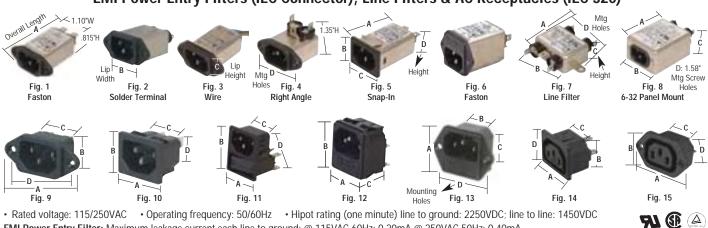
* Web Code: XAQ

European Agency Approvals

Germany	VDE	<u></u>	France	LCIE	1
Austria	OVE	(OVE)	Netherlands	KEMA	KEMA
Belgium	CEBEC	(EREC)	Norway	NEMKO	\bigcirc
Denmark	DEMKO	(D)	Sweden	SEMKO	(2)
Finland	FIMKO	Ē	Switzerland	SEV	(t)
					-

Fig. 1

EMI Power Entry Filters (IEC Connector), Line Filters & AC Receptacles (IEC 320)



• Operating frequency: 50/60Hz • Hipot rating (one minute) line to ground: 2250VDC; line to line: 1450VDC Rated voltage: 115/250VAC EMI Power Entry Filter: Maximum leakage current each line to ground: @ 115VAC 60Hz: 0.20mA @ 250VAC 50Hz: 0.40mA EMI Line Filter: Maximum leakage current each line to ground: @ 115VAC 60Hz: 0.25mA;

6.95 6.25 5.59 4.95

★ Web Code: ACR

Current Hipot Terminal Dimension (inches) Pricing Agency Part No Manufacturer Product No. Fig (A) (VDC) Terminals В D 10 100 Description Approvals 1 1951511 0.87 1.58 Delta 01GFFG3F (1FD1) Power entry filter, straight (screw flanged) 1 2250 Faston 0.25 UL/CSA/VDF 2 20 1 19 \$3.95 \$3.59 \$3 19 1.89 210913 Delta† 01GEEW3E (1ED8) Power entry filter, straight (screw flanged) 3 1 2250 4" Wires Wire UL/CSA/VDE 1.19 0.86 1.58 3.95 3.59 3.19 1951529 01DEEG3V 0.25" 3.95 Delta Power entry filter, rt. angle (screw flanged) 4 1 2250 Faston UL/CSA/VDE 1.19 0.87 1.58 3.59 3.19 1951545 Delta 01DKAG5 Line filter 2250 Faston 0.25" UL/CSA/VDF 2.92 1.98 0.87 2.39 3.49 2.95 2.25 395647 2VK1 Line Filter 2 0.25 UL/CSA/VDE 1.74 2.39 3.95 3.49 2.95 Corcom 2250 3.00 0.89 Faston Delta 03DEEG3B (3EF1F) 3 2250 0.25" UL/CSA/VDE 2.20 1.19 0.87 1.58 3.49 Power entry filter, straight (screw flanged) Faston 4.49 3.95 667438 JamecoVP YB03A1 (3EF1F) Power entry filter, straight (screw flanged) 3 2250 Faston 0.25" UL/CSA/VDE 2.23 1.19 0.89 1.58 4.95 4.49 3.95 JamecoVP 03AC1 ⊕ 3 1.19 150615 Power entry filter, straight (screw flanged) 2250 Solder 0.16'UL/CSA/VDF 2.05 0.89 1.58 4.95 4.49 2.85 1951537 Delta[†] 03GEEW3E-R (3ED8) Power entry filter, wire (screw flanged) 3 2250 4" Wire Wire UL/CSA/VDE 1.19 0.87 1.58 4.95 4.49 3.95 1951553 Delta 03GENG3E-R Power entry filter (snap-in flanged) 5 3 2250 Faston 0.25 UL/CSA/VDF 2 20 0.95 1 22 0.82 4 95 4 49 3 95 1951561 Delta 03DBAG5 (3FB1) 3 2250 Faston 0.25'UL/CSA/VDF 1.73 0.76 2.13 4.49 3.95 3.25 04BEEG3S 1954720 Delta Power entry filter, straight, fused (screw flanged) 1 4 2250 Faston 0.25" UL/CSA/VDE 2.26 1.19 1.26 1.40 5.95 4.95 3.49 1951570 05DRDG3S (5ER7) Power entry filter, 6-32 threaded panel mount 5 2250 Faston 0.25 UL/CSA/VDE 3.15 1.97 1.28 1.58 5.95 5.35 4.79 667462 JamecoVP YB06T1 Power entry filter, straight (screw flanged) 6 2250 Solder 0.25 UL/CSA/VDE 2.10 1.19 0.89 1.58 4.95 4.49 3.95 0.25" UL/CSA/VDE 1951633 JamecoVP^{*} YB06AIR 2 Power entry filter, straight (screw flanged) 6 2250 2 20 1.19 0.89 1.58 5.95 5.35 4.79 Faston 1951588 Delta 06DEEG3V Power entry filter, right angle (screw flanged) 4 6 2250 Faston 0.25 UL/CSA/VDE 1.64 1.19 0.87 1.58 5.95 5.35 4.79 1951596 Delta[†] 10GFFG3C 10 0.25 UL/CSA/VDF 0.87 1.58 6.95 6.25 5.59 Power entry filter, straight (screw flanged) 2250 Faston 2.20 1.19 1951609 10ME3(S) Power entry filter, right angle (PC mount) 4 10 2250 0.16 UL/CSA/VDE 1.19 0.87 1.58 6.95 1951617 Delta 15DFFG3HA(D) Power entry filter, straight (screw flanged) 15 2250 Faston 0.25 UL/CSA/VDF 2 42 1 19 0.87 1.58 7.95 6 95 4.95 165016 OKAYA^{††} SUP-J15G-F2 Power entry filter, straight (screw flanged) 2 15 †† Solder 0.16'UL/CSA/VDF 2.20 1.21 0.89 1.58 5.95 5.35 4.79 147901 701R 🕿 15 250 JamecoVP AC power inlet, male (screw flanged) 0.187 UL/CSA/VDF 1 97 0.76 1.06 1.58 99 79 65 Faston 0.25" 1.97 16652 JamecoVP JR101 🕿 AC power inlet, male (screw flanged) 9 15 250 UL/CSA/VDE 0.76 1.06 1.58 1.09 .89 .69 Faston 147109 Various 42R02 10 15 0.25" UL/CSA/VDE 1.23 0.95 1.04 0.77 .59 AC power inlet, male (snap-in) 250 1.09 .89 Faston PDI 42R363152IOU 0.25 184903 AC power inlet, male w/ switch (snap-in) 11 15 250 Faston UL/CSA/VDE 1.30 1.58 1.16 1.41 1 49 1 35 1 19 0717 🕿 117445 AC power inlet, male w/ fuse chamber (snap-in) 10 250 Faston 0.187'UL/CSA/VDE 1.30 1.05 1.20 1.95 1.79 1.59 265528 JamecoVP# WS-044 🕿 10 0.185 UL/CSA/VDE 1.79 1.59 1.39 AC power inlet, male w/ fuse chamber (screw) 13 250 1.28 1.06 1.21 1.40 Faston AC power inlet, female (snap-in) 14 15 250 0.187 UL/CSA/VDE 1.38 1.10 0.98 1.49 1.25 99 1954640 K2415 Faston 1.26 Various

† High Performance: Increased filtering: Added bleeded resistor: More safety agencies †† Hipot: 2000VRMS # Includes spare fuse holder - fuse type 5mm x 20mm (250V)

AC power inlet, female (screw flanged)

For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above For

250

15



Various

K2414

1954658

1.97

1.25

0.95

1.75

1.49

1.26

* Web Code: MSP

★ Web Code: JBK

Derformance

2077503

Load regulation: ±0.5%

Open-Frame Linear AC-to-DC Power Supplies

· Line regulation: ±

±0.5%	•	UL/CE/	TUV (certifi	ed

J	ameco			Output		Input	Rip & Noise	Size		Pricing	
P	art No.	Manufacturer	Mfr. Part No.	Voltage@Current (min-max)	Power	(VAC @ Hz)*	(mV p-p)	(L" x W" x H")	1	10	25
2	077503	Astec	ACV12N5	+12V @ 5.1A	61.0W	100-240 @ 47-63Hz	3.0	7.0 x 4.87 x 2.75	\$24.95	\$22.49	\$19.95
2	077511	Astec	ACV15N4.5	+15V @ 4.5A	67.5W	100-240 @ 47-63Hz	3.0	7.0 x 4.87 x 2.75	24.95	22.49	19.95
2	080454	Power One	HBB15-1.5A	+12V to 15V @ 1.7A/1.5A	192.0W	100 or 240VAC	5.0	7.0 x 4.88 x 2.50	59.95	53.95	47.95
L				-12V to 15V @ 1.7A/1.5A		@ 47-63Hz					

^{*}Jumperable between 100VAC to 240VAC

Open-Frame Medical Switching AC-to-DC Power Supplies

· 100% full-load burn-in test · Universal AC input/full range

Soft-start circuit, limiting AC surge current · Leakage current: 0.3mA @ 240V

Short-circuit, overload and overvoltage protection

Isolation volt.: 4000VAC

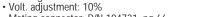
• Load regulation: ±2.0%

Working temp.: -10°C to + 60°C
Inrush current: 20A @ 120VAC



• Line regulation: ±1.0%

· Mating connector: P/N 104731, pg 66





Jameco			Output		I Input	Ripple & Noise			Pricing	
Part No.	Manufacturer	Mfr. Part No.	Voltage @ Current (min-max)	Power	(VAC @ Hz)	(mV p-p)*	Certification	1	10	25
221057	Mean Well⊕	MPS-45-7.5	+7.5V @ 0-5.4A	40.5W	90-264 @ 47-440	100	UL/CUL/TUV/CE	\$39.95	\$35.95	\$31.95
221145	Mean Well⊕	MPS-65-7.5	+7.5V @ 0-8A	60.0W	90-264 @ 47-440	100	UL/CUL/TUV/CE	41.95	37.95	33.95
221154	Mean Well 2	MPS-65-12	+12V @ 0-5.2A	62.4W	90-264 @ 47-440	100	UL/CUL/TUV/CE	41.95	37.95	33.95
221162	Mean Well 2	MPS-65-13.5	+13.5V @ 0-4.7A	63.5W	90-264 @ 47-440	100	UL/CUL/TUV/CE	34.95	31.95	28.95
221188	Mean Well	MPS-65-24	+24V @ 0-2.7A	64.8W	90-264 @ 47-440	100	UL/CUL/TUV/CE	40.95	36.95	32.95
221189	Mean Well 2	MPS-65-24	+24V @ 0-2.7A	64.8W	90-264 @ 47-440	100	UL/CUL/TUV/CE	41.95	37.95	33.95

Primary Output

OFM-02

Open-Frame Ultraminiature Switching AC-to-DC Power Supplies

- · 100% full-load burn-in test
- No load consumption · Ultraminiature size and lightweight
- Short-circuit, overload, overvoltage, overtemperature protection
- Three-year warranty; except P/Ns 300530/300433: Two-year warranty Universal AC input/full range c**¶**us ≜ C €
- UL/CUL/TUV/CĖ

Derformance

★ Web Code: CCQ



Jameco			Output		Size	Load	Line	Ripple & Noise		Pricing	
Part No.	Manufacturer	Mfr. Part No.	Voltage @ Current (min-max)	Power	(L" x W" x H")	Regulation	Regulation	(mV p-p)	1	10	25
694971	Mean Well 2	NFM-05-5	+5V @ 0-1A	5.0W	2.3 x 1.8 x 0.8	±1.5%	±1.0%	80	\$19.95	\$17.95	\$15.95
300433	Astrodyne	OFM-0101	+5V @ 0-2A	10.0W	2.6 x 1.8 x 0.8	±1.0%	±1.0%	80	19.95	17.95	15.95
695092	Mean Well 2	NFM-10-5	+5V @ 0-2A	10.0W	2.6 x 1.8 x 0.9	±1.0%	±1.0%	80	22.95	19.95	17.95
695199	Mean Well 🕿	NFM-20-5	+5V @ 0-4.4A	22.0W	3.0 x 2.0 x 0.8	±1.0%	±1.5%	80	29.95	26.95	23.95
694989	Mean Well 2	NFM-05-12	+12V @ 0-0.42A	5.04W	2.3 x 1.8 x 0.8	±0.5%	±0.5%	150	19.95	17.95	15.95
695156	Mean Well 🕿	NFM-15-12	+12V @ 0-1.25A	15.0W	2.8 x 1.9 x 0.9	±0.5%	±0.5%	150	24.95	22.49	19.95
300530	Mean Well	OFM-0203	+15V @ 0-1.4A	20.0W	3.5 x 2.0 x 0.8	±1.0%	±0.3%	150	39.95	35.95	31.95

Open-Frame Switching AC-to-DC Power Supplies

- Universal AC input/full range · Two-year warranty
- · Short-circuit, overload and overvoltage protection

For complete specifications visit www.Jameco.com





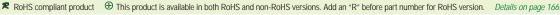




Jameco			Output		Input	Size	Mounting Holes	Ripple & Noise		Line Reg.				Pricing	
Part No.	Manufacturer	Mfr. Part No.	Voltage @ Current	Power	(VAC @ Hz)	(L"xW"xH")	(L"xW"xDia.")	(mV p-p)*	(±%)*		PFC	Certification	1	10	25
					Single	Output									
218991	Artesyn	NLP150L-96S3	+3.3V @ 1-22A	72.6W	90-264 @ 47-63	6.8x3.8x1.3	6.5x3.5x0.16	50	2.0	2.0	_	UL/CSA/VDE/CE	\$109.95	\$99.95	\$89.95
2079365	PowerLD 🕿	PSU15S5-HII	+5V @ 0-3A	15.0W	90-264 @ 47-63	3.9x1.8x1.1	3.5x1.6x0.1	<50	2.0	1.0	_	UL/CE	19.95	17.95	15.95
229042	Phihong 2	PSA15LN3-050	+5V @ 0-3A	15.0W	90-264 @ 47-63	4.3x1.6x0.9	4.0x1.3x0.16	50	2.0	1.0	_	UL/CUL/TUV/CE	19.95	17.95	15.95
212354	Mean Well	PS-25-5	+5V @ 0-5A	25.0W	85-264 @ 47-63	4.2x2.4x1.1	3.7x2.1x0.1	80	2.0	0.5	_	UL/CUL/TUV/CE	22.95	19.95	17.95
1918972	Mean Well 🕿	PS-35-5	+5V @ 0-6A	30.0W	90-264 @ 47-440	4.0x2.0x0.9	3.8x1.8x0.1	100	1.0	0.5	_	UL/CUL/TUV/CE/CB	25.95	22.95	20.95
217332	Mean Well 🗷	PS-45-5	+5V @ 0-8A	40.0W	90-264 @ 47-440	5.0x3.0x1.1	4.6x2.6x0.2	100	3.0	1.0	_	UL/CUL/TUV/CE	24.95	21.95	19.95
210841	Power-One	MAP42-1005	+5V @ 0-8A	40.0W	120-240 @ 50-60	5.0x3.0x1.3	4.6x2.6x0.2	50	1.0	0.2	_	UL/CSA/TUV/CE	69.95	62.95	57.95
201938	Mean Well 🗷	PS-65-5	+5V @ 0-12A	60.0W	90-264 @ 47-440	5.0x3.0x1.7	4.5x2.5x0.15	100	1.0	4.0	_	UL/CUL/TUV/CE	27.95	24.95	21.95
392826	Mean Well 🗷	PS-25-7.5	+7.5V @ 0-3.3A	24.8W	85-264 @ 47-63	4.2x2.4x1.1	3.7x2.1x0.1	80	2.0	0.5	_	UL/CUL/TUV/CE	24.95	22.49	19.95
229060	Phihong 2	PSA15LN3-120	+12V @ 0-1.25A	15.0W	90-264 @ 47-63	4.3x1.6x0.9	4.0x1.3x0.2	120	2.0	1.0	_	UL/CUL/TUV/CE	19.95	17.95	15.95
148604	Mean Well₹	PS-25-12	+12V @ 0-2.1A	25.2W	85-264 @ 47-63	4.2x2.4x1.1	3.7x2.1x0.1	100	2.0	0.3	_	UL/CUL/TUV/CE	22.95	19.95	17.95
213728	Mean Well 2	PS-45-12	+12V @ 0-3.7A	44.4W	90-264 @ 47-440	5.0x3.0x1.1	4.6x2.6x0.2	100	2.0	1.0	_	UL/CUL/TUV/CE	24.95	20.95	18.95
148639	Mean Well 🗷	PS-65-12	+12V @ 0-5.2A	62.4W	90-264 @ 47-440	5.0x3.0x1.7	4.5x2.5x0.15	100	2.0	1.0	_	UL/CUL/TUV/CE	27.95	24.95	21.95

Primary Output

Open-Frame Switching Power Supplies continued on pages 115 & 116







Open-Frame Switching AC-to-DC Power Supplies

Open-Frame Switching AC-to-DC Power Supplies (Continued)

· Universal AC input/full range

Short-circuit, overload and overvoltage protection
 Two-year warranty

PFC Model Additional Features:

- Built-in active Power Factor Protection function, power factor >0.93
- · Three-year warranty









* Web Code: OSP

	plete speci	,	it www.Jameco.com		G A	us 74					-	374097		69	4495
_			Output				Mounting	Ripple &	Load	1				Pricing	
Jameco Part No.	Manufacturer	Mfr. Part No.	· · · · · · · · · · · · · · · · · · ·	Power	Input (VAC @ Hz)	Size (L"xW"xH")	Holes (L"xW"xDia.")	Noise (mV p-p)*	Reg. (±%)*	Reg. (±%)*	PFC	Certification	1	10	2
			, consign a control (control control c		Single Out			((= 15)	(= : =)					
173472	Mean Well 2	LPS-100-12	+12V @ 0-8.4A	100 8W	88-264 @ 47-63	8.7x2.4x1.3		100	1.5	0.5	V	UL/CUL/TUV/CE	\$54.95	\$49.95	\$44.9
237024	Lite-On	PA-1101-1	+12V @ 2-8.5A	102.0W		6.0x4.0x1.3		1200	10.0	1.0	_	UL/CUL/TUV/CE	44.95	39.95	35.9
2079373	PowerLD 2	PD-125-12	+12V @ 0-10.5A	:	90-264 @ 47-63	5.0x3.0x1.2	4.6x2.6x0.14	100	2.0	0.5	_	UL/CUL/CE	84.95	75.95	65.9
374089	Mean Well 2	PPS-125-12	+12V @ 0-10.5A	:	90-264 @ 47-63	5.0x3.0x1.4	4.6x2.6x0.14	100	1.0	0.5	V	UL/CUL/TUV/CE	84.95	75.95	65.9
213681	Mean Well ?	LPP-150-12	+12V @ 0-12.5A	:	85-264 @ 47-63	8.7x2.4x1.6	8.3x2.6x0.15		1.0	0.5	~	UL/CUL/TUV/CE	74.95	69.95	63.9
668713	Mean Well 🗷	PPS-200-12	+12V @ 0-16.6A	:	90-264 @ 47-63	5.0x3.0x1.4	4.6x2.6x0.14	100	1.0	0.5	~	UL/CUL/TUV/CE	99.95	89.95	79.9
1954447	Mean Well ₹	USP-500-12	+12V @ 0-42A	504.0W	90-264 @ 47-63	10.0x5.0x1.6	see datasheet	100	1.0	0.5	V	UL/CUL/TUV/CE/CB	199.95	179.95	159.9
374380	Mean Well₹	PS-65-13.5	+13.5V @ 0-5.4A	63.5W	90-264 @ 47-440	5.0x3.0x1.7	4.5x2.5x0.15	100	2.0	1.0	_	UL/CUL/TUV/CE	27.95	24.95	21.9
374344	Mean Well 🕀	LPS-100-13.5	+13.5V @ 0-7.5A	101.3W	88-264 @ 47-63	8.7x2.4x1.3	8.4x2.1x0.14	100	1.5	0.5	_	UL/CUL/TUV/CE	54.95	49.95	44.9
216769	Mean Well₹	PS-25-15	+15V @ 0-1.7A	25.5W	85-264 @ 47-63	4.2x2.4x1.1	3.7x2.1x0.1	100	2.0	0.3	_	UL/CUL/TUV/CE	22.95	19.95	17.9
1919019	Mean Well₹	PS-35-15	+15V @ 0-2.4A	36.0W	90-264 @ 47-440	4.0x2.0x0.9	3.8x1.8x0.1	150	0.5	0.5	_	UL/CUL/TUV/CE/CB	25.95	22.95	20.95
374353	Mean Well ₹	PS-45-15	+15V @ 0-3.5A	45.0W	90-264 @ 47-440	5.0x3.0x1.1	4.6x2.6x0.2	100	3.0	1.0	_	UL/CUL/TUV/CE	24.95	21.95	19.95
216751	Mean Well₹	PS-65-15	+15V @ 0-4.2A	63.0W	90-264 @ 47-440	5.0x3.0x1.7	4.5x2.5x0.2	100	2.0	1.0	_	UL/CUL/TUV/CE	27.95	24.95	21.95
670813	Intl. Power	PM110-13A	+15V @ 0-7.5A	110.0W	85-264 @ 47-63	7.0x4.3x1.9	6.5x3.8x0.2	15	1.0	0.5	_	UL/CSA/TUV	29.95	26.95	23.95
374097	Mean Well	PPS-125-15	+15V @ 0-8.4A	126.0W	90-264 @ 47-63	5.0x2.4x1.4	4.6x2.6x0.14	100	1.0	0.5	~	UL/CUL/TUV/CE	84.95	75.95	65.95
668721	Mean Well	PPS-200-15	+15V @ 0-13.3A	199.5W	90-264 @ 47-63	5.0x3.0x1.4	4.6x2.6x0.14	100	1.0	0.5	~	UL/CUL/TUV/CE	99.95	89.95	79.95
212346	Mean Well 2	PS-25-24	+24V @ 0-1A	24.0W	85-264 @ 47-63	4.2x2.4x1.1	3.7x2.1x0.1	240	2.0	0.2	_	UL/CUL/TUV/CE	22.95	18.95	16.95
1919035	Mean Well	PS-35-24	+24V @ 0-1.5A	36.0W	90-264 @ 47-440	4.0x2.0x0.9	3.8x1.8x0.1	200	0.5	0.5	_	UL/CUL/TUV/CE/CB	25.95	22.95	20.95
213720	Mean Well ₹	PS-45-24	+24V @ 0-1.9A	45.6W	90-264 @ 47-440	5.0x3.0x1.1	4.6x2.6x0.2	100	2.0	1.0	_	UL/CUL/TUV/CE	24.95	21.95	19.95
148647	Mean Well₹	PS-65-24	+24V @ 0-2.7A	64.8W	90-264 @ 47-440	5.0x3.0x1.7	4.5x2.5x0.2	100	2.0	1.0	_	UL/CUL/TUV/CE	27.95	24.95	21.95
244727	Mean Well	LPS-75-24	+24V @ 0-3.5A	76.8W	90-264 @ 47-63	8.7x2.2x1.2	8.4x1.8x0.2	120	1.0	1.0	~	UL/CUL/TUV/CE	32.95	29.95	26.95
173463	Mean Well 2	LPS-100-24	+24V @ 0-4.2A	100.8W	88-264 @ 47-63	8.7x2.4x1.3	8.4x2.1x0.1	150	0.5	0.5	~	UL/CUL/TUV/CE	54.95	49.95	44.95
1586357	Phihong 2	PSA120-250-R	+24V @ 0-5A	120.0W	40-264 @ 47-63	5.0x3.0x1.2	4.5x2.5x0.2	240	2.0	1.0	_	UL/CUL/TUV/CE	57.95	54.95	52.95
301429	Mean Well ₹	PPS-125-24	+24V @ 0-5.2A	124.8W	90-264 @ 47-63	5.0x3.0x1.4	4.6x2.6x0.1	150	1.0	0.5	~	UL/CUL/TUV/CE	84.95	75.95	65.95
213672	Mean Well₹	LPP-150-24	+24V @ 0-6.3A	150.0W	85-264 @ 47-63	8.7x2.4x1.6	8.3x2.6x0.2	150	0.5	0.5	~	UL/CUL/TUV/CE	74.95	69.95	63.95
668730	Mean Well₹	PPS-200-24	+24V @ 0-8.3A	199.2W	90-264 @ 47-63	5.0x3.0x1.4	3.7x7.8x0.14	150	1.0	0.5	~	UL/CUL/TUV/CE	94.95	84.95	74.95
694495	Mean Well ₹	USP-225-24	+24V @ 0-9.4A	225.6W	90-264 @ 47-63	8.0x4.0x1.5	see datasheet	150	1.0	0.5	~	UL/CUL/TUV/CE/CB	99.95	89.95	79.95
1954455	Mean Well₹	USP-500-24	+24V @ 0-21A	504.0W	90-264 @ 47-63	10.0x5.0x1.6	see datasheet	150	1.0	0.5	V	UL/CUL/TUV/CE/CB	199.95	179.95	159.95
201946	Mean Well₹	PS-65-27	+27V @ 0-2.4A	64.8W	90-264 @ 47-440	5.0x3.0x1.7	4.5x2.5x0.2	100	2.0	1.0	_	UL/CUL/TUV/CE	27.95	24.95	21.95
201954	Mean Well₹	PS-65-48	+48V @ 0-1.35A	64.8W	90-264 @ 47-440	5.0x3.0x1.7	4.5x2.5x0.2	100	2.0	1.0	_	UL/CUL/TUV/CE	27.95	24.95	21.95
216710	Mean Well₹	LPS-100-48	+48V @ 0-2.1A	100.8W	88-264 @ 47-63	8.7x2.4x1.3	8.4x2.1x0.1	200	0.5	0.5	~	UL/CUL/TUV/CE	54.95	49.95	44.95
216646	Mean Well 🗷	LPP-150-48	+48V @ 0-3.2A	153.6W	85-264 @ 47-63	8.7x2.4x1.6	8.3x2.6x0.2	250	0.5	0.5	~	UL/CUL/TUV/CE	74.95	69.95	63.95
					Dual	Output									
171731	Delta	DPS-60MPB	+3.3V @ 0.8-8A; +5V @ 1-9A	65.0W	90-270 @ 47-63	5.8x3.3x1.4	5.1x3.74x0.1	50	2.0	2.0	_	UL/CUL/TUV	\$12.95	\$11.49	\$9.95
212312	Mean Well 🗷	PD-2505	+5V @ 0.1-3A; -5V @ 0.1-2.5A	. 25.0W	85-264 @ 47-63	4.2x2.4x1.1	3.7x2.08x0.1	50	4.0	1.0	_	UL/CUL/TUV/CE	24.95	21.95	19.95
212338	Mean Well₹	PD-25A	+5V @ 0.2-2.5A; +12V @ 0.1-1.5A	25.0W	85-264 @ 47-63	4.2x2.4x1.1	3.7x2.08x0.1	50	1.0	0.5	_	UL/CUL/TUV/CE	24.95	21.95	19.95
212330	Mean Well 2	PD-25B	+5V @0.2-2A; +24V @ 0.1-1A	25.2W	85-264 @ 47-63	4.2x2.4x1.1	3.7x2.1x0.1	50	1.0	0.5	_	UL/CUL/TUV/CE	24.95	21.95	19.95
194862	Mean Well ₹	PD-45A	+5V @ 0.4-3.2A; +12V @ 0.2-2	40.0W	90-264 @ 47-440	5.0x3.0x1.1	4.6x2.6x0.2	50	3.0	1.0	_	UL/CUL/TUV/CE	27.95	24.95	21.95
194871	Mean Well ?	PD-45B	! +5V @ 0.4-3.2A; +24V @ 0.2-1.2A			5.0x3.0x1.1	4.6x2.6x0.2	50	3.0	1.0	_	UL/CUL/TUV/CE	27.95	24.95	21.95
194889	Mean Well 2		+5V @ 0.4-7A; +12V @ 0.2-3.2A		90-264 @ 47-440	5.0x3.0x1.7	4.5x2.5x0.2	50	3.0	1.0	_	UL/CUL/TUV/CE	29.95	26.95	23.95
692377	Autec		+5V @ 0.5-3.5A; +12V @ 0.1-4A		90-260 @ 47-63	6.0x3.5x1.5		50	2.0	0.5	_	UL/CSA/TUV	19.95	17.95	15.95
194897	Mean Well ₹	PD-65B	+5V @ 0.4-3.5A; +24V @ 0.2-2A		90-264 @ 47-440	5.0x3.0x1.7	4.5x2.5x0.2	50	3.0	1.0	_	UL/CUL/TUV/CE	29.95	26.95	23.95
148690	Mean Well	PD-2512	+12V @ 0.1-1.2A; -12V @ 0.1-1A			4.2x2.4x1.1		50	3.0	0.5	_	UL/CUL/TUV/CE	24.95	21.95	19.95
110070	Would Woll	10 2012	1 127 9 911 11274 127 9 917 117	I			O.F.A.L. FAG. 1	00	0.0	0.0		02/002/104/02	21170	21170	17170
00055	DI 11 6	DOLOSI, SS	L 5V 0 0 0 0 1 15V 5 5 1 1	05.50		Output	07.61.1		0.7	4.5			407	405 55	A65
230536	Phihong 2	PSA25L-301	+5V @ 0.2-2A; +12V @ 0.1-1A;	25.0W	90-264 @ 47-63	4.3x1.6x0.9	3.7x2.1x0.1	50	2.0	1.0	_	UL/CUL/TUV/CE	\$24.95	\$22.95	\$20.95
0004:		NEN 40 - :	-12V @ 0-0.3A	1 10	05.044 = .=	F 0 0 7 7 7	4 / 0 / 5 /-						05.55	0/ 77	
2081617	Artesyn	NFN40-7607	+5V @ 3A; +12V @ 2A;	40.0W	85-264 @ 47-440	5.0x3.0x1.2	4.6x2.6x0.15	50	2.0	1.0	_	UL/CSA/TUV	29.95	26.95	23.95
0004	D	DOA IEC:	-5V @ 0.35A		00.044 = .= .:	F 0 0 7 7 7	4/6/						0.6.55	06.53	6
229122	Phihong 2	PSA4531	+5V @ 0-4A; +12V @ 0-1.5A;	44.0W	90-264 @ 47-63	5.0x3.0x1.2	4.6x2.6x0.2	50	2.0	1.0	_	UL/CSA/TUV/CE	34.95	31.95	28.95
00.400	Mars 144 11	DT 4FD	-12V @ 0-0.5A	45.014	00 0/4 0 47 412	F 0::2 2 4 1	4 () 0 =	F0	2.0	1.0		III /OLII /TLII //CT	20.05	05.05	60.6-
88402	Mean Well R	PT-45B	+5V @ 0.4-3A; +12V @ 0.2-2A;	45.0W	90-264 @ 47-440	5.0x3.0x1.1	4.6x2.6x0.2	50	3.0	1.0	_	UL/CUL/TUV/CE	28.95	25.95	22.95
			-12V @ 0-0.3A												

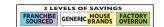
Primary Output † Multiple sets of mounting holes see data sheet for dimensions

More Open-Frame Switching Power Supplies on pages 114 & 116

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



Open-Frame & Enclosed Switching AC-to-DC Power Supplies



Open-Frame Switching AC-to-DC Power Supplies (Continued)

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*Web Code: OPS

Mounting Ripple & Load Line lameco Input Size Holes Noise Reg. Reg Part No. Manufacturer Mfr. Part No. Voltage @ Current (min-max) Power (VAC @ Hz) (L"xW"xH") (L"xW"xDia.") (mV p-p)* (±%)* (±%)* PFC Certification 25 Triple Output (Continued) Phihong 2 229140 PSA4534 +5V @ 0-4A: +15V @ 0-1.2A 45.5W 90-264 @ 47-63 5.0x 3.0x1.2 4.6x2.6x0.16 50 2.0 2.0 UL/CSA/TUV/CE \$34.95 \$31.95 \$28 95 -15V @ 0-0.5A 216734 PT-65B +5V@0.4-5.5A; +12V@0.2-2.5A 63.5W 90-264 @ 47-440 5.0x3.0x1.7 4.6x2.6x0.2 50 3.0 1.0 UL/CUL/TUV/CE 32.95 29.95 26.95 -12V@0-0.5A Mean Well 2 215707 PT-65D +5V @ 0.5-4A: +12V @ 0.2-2A 65.0W 90-264 @ 47-440 5.0x3.0x1.7 4.6x2.6x0.2 50 2.0 1.0 UL/CUL/TUV/CF 32.95 29.95 26.95 +24V @ 0.2-1A Mean Well PT-65C 216726 +5V @ 0 4-5 5A· +15V @ 0 2-2A· 65.0W I 90-264 @ 47-440 5 0x3 0x1 7 4 6x2 6x0 2 50 3.0 1.0 UL/CUL/TUV/CE 32 95 29 95 26 95 -15V @ 0-0 5A Quad Output +5V @ 6.5A; +3.3V@2.5A; 673934 Martek Power PVI-50-46BUB 57.0W 1100-240 @ 50-60 UL/CUL/CSA/TUV/CE 8.1x3.2x1.5 7.6x2.6x0.15 50 2.0 \$39.95 \$35.95 \$31.95 2.0 +12V @ 0.8A: -12V @ 0.5A Mean Well PO-100DTR +5V @ 5A: +12V@2A: -12V@2A: 103.0W 100-264 @ 47-63 1.0 1.0 44.95

Enclosed Switching AC-to-DC Power Supplies

* Web Code: FPS

PT-65

• 100% full-load burn-in test For complete specifications visit www.Jameco.com

+24V@2A

- †Additional Info:
- 1 G3 Series: Miniature size, high reliability, suitable for critical applications 88-264VAC @47-63Hz
- 5G vibration 70°C operation 300VAC input surge (5 sec.) Short-circuit/overload/overvoltage protection Three-year warranty
- 2 G2 Series: Without CE certification for models more than 200W (except for S-240) 85-264VAC @47-63Hz
- Universal AC input (25-60W), Switch selectable AC input (100-150W), AC input range auto-sensing (240W)
 Two-year warranty
- 3 PFC Series: Built-in active Power Factor Correction function Power factor >0.93 88-264VAC @47-63Hz
- Universal AC input
 Three-year warranty

For complete specifications visit www.Jameco.com

- 4 Parallel Series: Built-in remote sense, remote On/Off control & Parallel functions 115V and 220V versions @ 47-63Hz
- Short-circuit/overvoltage/overload/overtemperature protection
- 5 Parallel Series with PFC: Same as parallel series with Power Factor Correction



Ripple & Load Line Additional Output Pricing Reg. Size Jameco Noise Rea Info Part No Mfr. Part No. Voltage @ Current (min-max) Power (L"xW"xH") * (±%) Certification 25 Manufacturer (mV p-p) (+%)(above) 10 Single Output Mean Well₹ UL/CUL/TUV/CE/CB 693193 RS-25-3.3 +3.3V @ 0-6.0A 80 2.0 0.5 \$29.95 \$25.95 \$23.95 693257 RS-75-3 3 +3.3V @ 0-15.0A 49.5W 5.1x3.9x1.5 80 2.0 0.5 1 UL/CUL/TUV/CE/CB 45.95 38.95 35.95 693329 Mean Well 2 RS-150-3 3 +3.3V @ 0-30.0A 99 NW 7.8x3.9x1.5 80 2.0 0.5 1 UL/CUL/TUV/CE/CB 66.95 57.95 54.95 201903 Mean Well 2 SP-150-3.3-R 0 1+3.3V @ 0-30.0A 3 UL/CUL/TUV/CE/CB/PFC 99 NW 7 0x3 9x2 0 100 10 0.5 79 95 71.95 64.95 692422 Volgen SX15U-05S +5V @ 0-3 0A 15 OW 3 3x2 7x1 3 100 0.8 0.8 UL/CSA 17.95 15 95 13 95 689848 15.0W 3.9x3.8x1.4 UL/CUL/TUV/CE Metapo 1M150C05-1M +5V @ 0-3.0A 100 0.5 1.0 19.95 17.95 15.95 1919043 RS-15-5 +5V @ 0-3.0A 15.0W 2 5x2 0x1 1 80 1.5 0.5 UL/CUL/TUV/CE/CB 23.95 21.95 18.95 1 323282 RS-25-5 +5V @ 0-5.0A 25.0W 3.1x2.0x1.1 80 1.0 0.5 1 UL/CUL/TUV/CE/CB 29.95 25.95 23.95 123247 Mean Well ? +5V @ 0-5.0A 25.0W 3.9x3.8x1.4 50 1.0 0.5 2 UL/TUV/CE 29.95 26.95 23.95 323329 Mean Well ? +5V @ 0-7.0A 35.0W 3.9x3.2x1.4 80 1.0 0.5 1 UL/CUL/TUV/CF/CB 36.95 31.95 29.95 689805 1M041C05-1M +5V @ 0-8.0A 40.0W 4.8x3.8x1.5 75 UL/CUL/TUV/CE Metapo 24.95 21.95 19.95 123290 Mean Well₹ S-40-5 +5V @ 0-8.0A 40.0W 5.1x3.9x1.5 75 1.0 0.5 2 UL/CUL/TUV/CE/CB 35.95 31.95 28.95 689784 Metapo 1M051C05-0M +5V @ 0-10.0A 50.0W 6.0x3.7x1.5 100 UL/CUL 29.95 26.95 23.95 1.0 0.5 323388 Mean Well 2 RS-50-5 50.0W 3.9x3.8x1.4 80 1 UL/CUL/TUV/CE/CB +5V @ 0-10.0A 40.95 34.95 31.95 2079390 Powerl D 2 PD-60-5 +5V @ 0-10.0A 50.0W 5.1x3.9x1.5 50 2.0 0.5 UL/CUL/CF 42.95 38.95 34.95 689768 Potrans FS-06005-0M +5V @ 0-12.0A 60.0W 5.1x3.9x1.5 120 UL/CUL/CE 29.95 26.95 23.95 +5V @ 0-12.0A 123327 Mean Well₹ S-60-5 60.0W 6.3x3.8x1.5 120 1.0 0.5 2 UL/CUL/TUV/CE/CB 38.95 34.95 29.95 323581 RS-75-5 +5V @ 0-12.0A 60.0W 5.1x3.9x1.5 80 1.0 0.5 1 UL/CUL/TUV/CE/CB 43.95 37.95 34.95 194830 Mean WeⅡ SP-75-5 +5V @ 0-15.0A 75.0W 7.0x3.9x1.3 80 0.5 3 UL/CUL/TUV/CE/CB 69.95 63.95 59.95 194791 Mean Well 2 SP-100-5 +5V @ 0-20.0A 100.0W 7.0x3.9x1.8 100 1.0 0.5 3 UL/CUL/TUV/CE/CB/PFC 67.95 79.95 75.95 323820 Mean Well (+) RS-150-5 +5V @ 0-26 0A 130.0W 7.8x3.9x1.5 80 10 0.5 1 UL/CUL/TUV/CE/CB 59.95 53.95 48.95 Mean Well 2 +5V @ 0-30 0A S-150-5 150.0W 7.0x4.3x2.0 0.5 0.5 2 UL/CUL/TUV/CE/CB 44.95 123394 150 54 95 49.95 201912 Mean Well 2 SP-150-5 +5V @ 0-30 0A 150.0W 7.0x3.9x2.0 100 1 0 0.5 3 UL/CUL/TUV/CF/CB/PFC 89 95 79 95 72 95 Mean Well 2 SP-200-5 +5V @ 0-40.0A 200.0W 7.0x3.9x2.0 1.0 0.5 3 202042 100 UL/CUL/TUV/CE/CB/PFC 85.95 73.95 69.95 216776 Mean Well S-320-5 +5V @ 0-50.0A 250.0W 8.5x4.5x2.0 150 1.0 0.5 2 UL/CUL 114.95 104.95 89.95 2079437 PowerLD 2 GPF-U300S5 +5V @ 0-50.0A 250.0W 8.9x4.5x2.0 150 2.0 1.0 UL/CUL/CE 119.95 107.95 99.95 244735 Mean Well 2 SP-320-5 +5V @ 0-55.0A at 230VAC; 0-44A at 115VAC 275.0W 8.5x4.5x2.0 150 1.0 0.5 UL/CUL/TUV/CE/CB/PFC 139.95 124.95 109.95 202112 Mean Well PSP-500-5 400.0W 10.9x5.1x7.5 100 2.0 0.5 4 UL/CUL/TUV/CE 169.95 159.95 149.95 2076295 Mean Well 🕿 PSP-600-5 400.0W 6.7x4.7x3.7 180 0.5 0.5 UL/CUL/TUV/CE/CB/PFC 189.95 175.95 169.95 +5V @ 0-80.0A 693644 Mean Well 2 SP-480-5 +5V @ 0-85.0A 425.0W 10.9x5.0x1.7 80 1.0 0.5 UL/CUL/TUV/CE/CB/PFC 199.95 179.95 169.95

Primary Output Blue Part No. = Limited Quantity Available

More Enclosed Switching Power Supplies continued on pages 117-120

RoHS compliant product This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166



Primary Output



Pc**A**Uus ≜C€CB

Enclosed Switching AC-to-DC Power Supplies

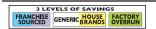
Enclosed Switching AC-to-DC Power Supplies (Continued)

		. 00								13		WED C	Code: EPS
			Output		0.	Ripple &			Additional	4		Pricing	
Jameco Part No.	Manufacturer	Mfr. Part No.	Voltage @ Current (min-max)	Power	Size (L"xW"xH")	Noise (mV p-p)*	Reg.	Reg. (±%)*	Info Pg. 116	Certification	1	10	25
. dirt ivoi	Walland of all of	IIIII T di Cito			out (Conti		(=70)	(=70)	. g. 110	oor time dation		10	20
374002	Mean Well	SE-600-05	+5V @ 0-100.0A		9.7x5.0x2.5		2.0	0.5	2	UL/CUL	\$179.95	\$169.95	\$149.95
220249	Mean Well		+5V @ 0-100.0A	ı	11.5x5.2x2.7		2.0	0.5	4	UL/CUL/CB	289.95	269.95	249.95
231669	Mean Well		+5V @ 0-217.5A		10.9x5.1x7.5		2.0	0.5	4	UL/CUL/TUV/CE/CB	399.95		
123415	Mean Well 2	S-150-7.5	+7.5V @ 0-20.0A		7.0x4.3x2.0		0.5	0.5	2	UL/CUL/TUV/CE/CB	54.95	49.95	44.95
693556	Mean Well 2		+7.5V @ 0-30.0A		7.5x3.7x2.6		1.0	0.5	2	UL/CUL/TUV/CE/CB/PFC	104.95	87.95	78.95
207212	Mean Well	S-320-7.5	+7.5V @ 0-36.0A	•	8.5x4.5x2.0		0.5	0.5	2	UL/CUL	114.95	104.95	89.95
394215	Mean Well 2	SP-320-7.5	+7.5V @ 0-40.0A		8.5x4.5x2.0		1.0	0.5	3	UL/CUL/TUV/CE/CB/PFC	139.95	124.95	109.95
1919051	Mean Well ?		+12V @ 0-1.3A		2.5x2.0x1.1	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	23.95	21.95	18.95
323300	Mean Well₹		+12V @ 0-2.1A		3.0x2.0x1.1	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	29.95	26.95	23.95
123255	Mean Well	S-25-12	+12V @ 0-2.1A		3.9x3.8x1.4	100	0.5	0.5	2	UL/TUV/CE	29.95	26.95	23.95
323337	Mean Well₹	RS-35-12	+12V @ 0-3.0A	36.0W	3.9x3.2x1.4	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	36.95	31.95	26.95
689830	Metapo	1M041C12-1M	+12V @ 0-3.5A	42.0W	3.9x3.8x1.4	100	_	_	_	UL/CUL/TUV/CE	29.95	26.95	23.95
123298	Mean Well₹	S-40-12	+12V @ 0-3.5A	42.0W	5.1x3.9x1.5	100	0.5	0.5	2	UL/CUL/TUV/CE/CB	35.95	31.95	28.95
689821	Metapo	1M051C12-1M	+12V @ 0-4.2A	50.0W	6.0x3.7x1.5	100	_	_	_	UL/CUL/TUV/CE	34.95	31.95	27.95
323396	Mean Well ?	RS-50-12	+12V @ 0-4.2A	50.4W	3.9x3.8x1.4	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	40.95	34.95	31.95
689813	Potrans	1M061C05-1M	+12V @ 0.5A	60.0W	3.9x3.8x1.4	120	_	_	_	UL/TUV/CE	29.95	26.95	23.95
123335	Mean Well ₹	S-60-12	+12V @ 0-5A	60.0W	6.3x3.8x1.5	120	0.5	0.5	2	UL/CUL/TUV/CE/CB	38.95	34.95	29.95
323599	Mean Well ₹	RS-75-12	+12V @ 0-6.0A	72.0W	5.1x3.9x1.5	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	45.95	38.95	35.95
194838	Mean Well₹	SP-75-12	+12V @ 0-6.3A	75.6W	7.0x3.9x1.3	80	0.5	0.5	3	UL/CUL/TUV/CE/CB	69.95	63.95	59.95
123386	Mean Well 2	S-100F-12	+12V @ 0-8.5A	102.0W	7.8x3.9x1.5	125	0.5	0.5	2	UL/TUV/CE/CB	46.95	42.95	37.95
323716	Mean Well 2	RS-100-12	+12V @ 0-8.5A	102.0W	6.3x3.8x1.5	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	69.95	62.95	56.95
194803	Mean Well 2	SP-100-12	+12V @ 0-8.5A		7.0x3.9x1.8	1	0.5	0.5	1	UL/CUL/TUV/CE/CB/PFC	79.95	75.95	67.95
123423	Mean Well 2	S-150-12	+12V @ 0-12.5A		7.0x4.3x2.0	1	0.3	0.3	2	UL/CUL/TUV/CE/CB	54.95	49.95	44.95
2079402	PowerLD 2	PD-150-12	+12V @ 0-12.5A		7.8x3.9x1.5		1.0	0.5	_	UL/CUL/CE	59.95	53.95	47.95
323839	Mean Well 2	RS-150-12	+12V @ 0-12.5A		7.8x3.9x1.5		0.5	0.5	1	UL/CUL/TUV/CE/CB	66.95	57.95	54.95
173421	Mean Well 2	SP-150-12	+12V @ 0-12.5A		7.0x3.9x2.0	1	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	89.95	79.95	72.95
1585557	Metapo		+12V @ 0-16.6A		7.0x4.5x2.0		0.5	0.5	_	UL/CUL/TUV/CE	89.95	79.95	72.95
194774	Mean Well 2	SP-200-12	+12V @ 0-16.7A		7.0x3.9x2.0		0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	106.95	95.95	85.95
137649	Mean Well 2	S-240-12	i +12V @ 0-18.0A		7.5x3.7x2.6		0.5	0.5	2	UL/CUL/TUV/CE/CB/PFC	104.95	87.95	78.95
207204	Mean Well		i +12V @ 0-25.0A		8.5x4.5x2.0		0.5	0.5	2	UL/CUL	114.95	104.95	89.95
244743	Mean Well 2	SP-320-12	+12V @ 0-25.0A at 230VAC; 0-20A @ 115VAC				0.5	0.3	3	UL/CUL/TUV/CE/CB/PFC	139.95	124.95	109.95
301373	Mean Well 2		+12V @ 0-40.0A at 230VAC; 0-36A @ 115VAC	1			0.5	0.3	3	UL/CUL/TUV/CE/CB/PFC	199.95	179.95	169.95
190693	Mean Well 2		i +12V @ 0-40.0A at 230VAC; 0-34A @ 115VAC			240	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	214.95	199.95	169.95
190714	Mean Well 2	PSP-500-12	i +12V @ 0-41.5A at 230VAC; 0-33.2A @ 115VAC				0.5	0.3	4	UL/CUL/TUV/CE/CB/PFC	229.95	204.95	189.95
374011	Mean Well	SE-600-12	1+12V @ 0-50.0A	ı	9.7x5.0x2.5		0.5	0.5	2	UL/CUL	179.95	169.95	149.95
374214	Mean Well 2		1+12V @ 0-50.0A		6.7x4.7x3.7	240	0.5	0.5	4	UL/CUL/TUV/CE/CB/PFC	189.95	175.95	169.95
220257	Mean Well		1+12V @ 0-50.0A	1	11.5x5.2x2.7	120	1.0	0.5	4	UL/CUL/CB	239.95	229.95	219.95
388631	Mean Well	SCP-600-12	I +12V @ 0-50.0A		111.4x4.7x2.7		0.5	0.5	5	UL/CUL/TUV/CE/CB	249.95	239.95	229.95
217366 202025	Mean Well 2 Mean Well 2		I +12V @ 0-75.0A at 230VAC; 0-63.8A @ 115VAC I +13.5V @ 0-11.2A		7.0x4.3x2.0		0.5	0.3	4 2	UL/CUL/TUV/CE/CB/PFC UL/CUL/TUV/CE/CB	499.95 54.95	479.95 49.95	459.95 44.95
202025 394193	Mean Well		!+13.5V @ 0-11.2A !+13.5V @ 0-11.2A	I	7.0x4.3x2.0 7.0x3.9x2.0		0.3	0.3	3	UL/CUL/TUV/CE/CB/PFC	54.95 85.95	49.95 77.95	66.95
212410	Mean Well 2		I +13.5V @ 0-11.2A I +13.5V @ 0-14.9A		7.0x3.9x2.0 7.0x3.9x2.0	1	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC		95.95	85.95
693572	Mean Well 2		I+13.5V @ 0-22.0A	ı	8.5x4.5x2.0	1	0.5	0.5	2	UL/CUL	114.95	104.95	89.95
693599	Mean Well 2		+13.5V @ 0-22.0A	l	8.5x4.5x2.0		0.5	0.3	3	UL/CUL/TUV/CE/CB/PFC	139.95	124.95	109.95
212389	Mean Well 2		+13.5V @ 0-36.0A at 230VAC; 0-30.6A @ 115VAC				0.5	0.5	3	UL/CUL/TUV/CE/CB	214.95	199.95	169.95
231643	Mean Well 2		!+13.5V @ 0-67.0A		10.9x5.1x5.0		0.5	0.3	4	UL/CUL/TUV/CE/CB/PFC	299.95	289.95	279.95
231686	Mean Well 2		!+13.5V @ 0-100.5A		10.9x5.1x7.5		0.5	0.3	4	UL/CUL/TUV/CE/CB/PFC	699.95	669.95	649.95
1919060	Mean Well 2		!+15V @ 0-1.0A		2.5x2.0x1.1	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	23.95	21.95	18.95
123262	Mean Well⊕		+15V @ 0-1.7A		3.9x3.8x1.4		0.5	0.5	2	UL/TUV/CE	27.95	24.95	21.95
323302	Mean Well ?		!+15V @ 0-1.7A	•	3.0x2.0x1.1	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	29.95	25.95	23.95
323345	Mean Well₹	RS-35-15	+15V @ 0-2.4A		3.9x3.2x1.4		0.5	0.5	1	UL/CUL/TUV/CE/CB	36.95	31.95	26.95
155053	Skynet		+15V @ 2.6A		5.0x3.0x1.2		1.0	1.0	_	UL/CUL/CSA	34.95	29.95	26.95
202140	Mean Well₹	S-40-15	+15V @ 0-2.8A	•	5.1x3.9x1.5	1	0.5	0.5	2	UL/CUL/TUV/CE/CB	35.95	31.95	28.95
323409	Mean Well 2	RS-50-15	+15V @ 0-3.4A	•	3.9x3.8x1.4		0.5	0.5	1	UL/CUL/TUV/CE/CB	38.95	34.95	31.95
123343	Mean Well		+15V @ 0-4.0A		6.3x3.8x1.5		0.5	0.5	2	UL/CUL/TUV/CE/CB	38.95	34.95	29.95
323602	Mean Well		+15V @ 0-5.0A	•	5.1x3.9x1.5	1	0.5	0.5	1	UL/CUL/TUV/CE/CB	45.95	39.95	35.95
194845	Mean Well⊕	SP-75-15	+15V @ 0-5.0A		7.0x3.9x1.3	1	0.5	0.5	3	UL/CUL/TUV/CE/CB	69.95	63.95	59.95
		S-100F-15	+15V @ 0-6.7A		7.8x3.9x1.5		0.5	0.5	2	UL/TUV/CE/CB	46.95	42.95	37.95

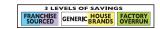
^{*} Primary Output

More Enclosed Switching Power Supplies on pages 116 & 118-120

^{*}For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above



Enclosed Switching AC-to-DC Power Supplies



æ.	711 us 🚇 (€ CB	Enclosed Switching A	C-to-	DC Pow	er Su	ıppl	ies	(Contin	ued)		** Web (Code: EPS
						Ripple &	Load	Line	Additional		3		
Jameco			Output		Size	Noise	Reg.	Reg.	Info			Pricing	
Part No.	Manufacturer	Mfr. Part No.	Voltage @ Current(min-max)		(L"xW"xH") Put (Contin		(±%)*	(±%)*	Pg. 116	Certification	1	10	25
212422	Mean Well	SP-100-15	+15V @ 0-6.7A	ĭ	7.0x3.9x1.8	100	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	\$79.95	\$75.95	\$67.95
212433 323724	Mean Well 2	RS-100-15	+15V @ 0-0.7A	1	6.3x3.8x1.5	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	63.95	54.95	52.95
123432	Mean Well 2	S-150-15	+15V @ 0-10.0A		7.0x4.3x2.0	180	0.3	0.3	2	UL/CUL/TUV/CE/CB	54.95	49.95	44.95
173412	Mean Well 2	SP-150-15	+15V @ 0-10.0A		7.0x3.9x2.0	100	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	89.95	79.95	72.95
323847	Mean Well 2	RS-150-15	+15V @ 0-10.0A	150.0W	7.8x3.9x1.5	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	66.95	57.95	54.95
202060	Mean Well 2	SP-200-15	+15V @ 0-13.4A	201.0W	7.0x3.9x2.0	100	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	95.95	85.95	73.95
202075	Mean Well ⊕	S-240-15	+15V @ 0-15.0A	:	7.5x3.7x2.6	150	0.5	0.5	2	UL/CUL/TUV/CE/CB/PFC	104.95	87.95	78.95
374993	Mean Well	S-320-15	+15V @ 0-20.0A	:	8.5x4.5x2.0	150	0.5	0.5	2	UL/CUL	114.95	104.95	89.95
693610	Mean Well 2	SP-320-15	+15V @ 0-20.0A		8.5x4.5x2.0	150	0.5	0.3	3	UL/CUL/TUV/CE/CB/PFC	139.95	124.95	109.95
291522 374222	Mean Well	SE-600-15 PSP-600-15	+15V @ 0-40.0A +15V @ 0-40.0A	•	9.7x5.0x2.5 6.7x4.7x3.7	150 240	0.5	0.5	2 4	UL/CUL UL/CUL/TUV/CE/CB/PFC	179.95 189.95	169.95 175.95	149.95 169.95
374222	Mean Well	SP-750-15	+15V @ 0-40.0A +15V @ 0-50.0A		10.9x5.0x2.5	120	0.5	0.3	3	UL/CUL/TUV/CE/CB	195.95	179.95	169.95
231634	Mean Well		+15V @ 0-60.0A at 230VAC; 0-51A @ 115VAC		10.9x5.1x5.0	150	0.5	0.3	4	UL/CUL/TUV/CE/CB	299.95	289.95	279.95
231693	Mean Well		+15V @ 0-90.0A	1	10.9x5.1x7.5	150	0.5	0.3	4	UL/CUL/TUV/CE/CB	299.95	269.95	249.95
1919078	Mean Well ₹	RS-15-24	+24V @ 0-0.625A	15.0W	2.5x2.0x1.1	200	0.5	0.5	1	UL/CUL/TUV/CE/CB	23.95	21.95	18.95
123272	Mean Well 2	S-25-24	+24V @ 0-1.1A	26.4W	3.9x3.8x1.4	100	0.5	0.5	2	UL/TUV/CE	29.95	26.95	23.95
323311	Mean Well ₹	RS-25-24	+24V @ 0-1.1A	26.4W	3.0x2.0x1.1	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	29.95	25.95	23.95
323353	Mean Well₹	RS-35-24	+24V @ 0-1.5A	i 36.0W	3.9x3.2x1.4	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	36.95	31.95	29.95
689792	Metapo		+24V @ 0-1.8A	43.0W	4.8x3.8x1.5	100	—		_	UL/CUL/TUV/CE	29.95	26.95	23.95
123319 323417	Mean Well 2 Mean Well 2	S-40-24 RS-50-24	ı +24V @ 0-1.8A ı ı +24V @ 0-2.2A	43.0W 52.8W	5.1x3.9x1.5 3.9x3.8x1.4	100 120	0.5	0.5	2 1	UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB	35.95 40.95	31.95 34.95	28.95 31.95
123352	Mean Well 2	S-60-24	1+24V @ 0-2.2A 1+24V @ 0-2.5A	60.0W	6.3x3.8x1.5	150	0.5	0.5	2	UL/CUL/TUV/CE/CB	38.95	34.95	29.95
2079381	PowerLD 2	PD-60-24	+24V @ 0-2.5A	60.0W	5.1x3.9x1.5	120	2.0	0.5	_	UL/CUL/CE	39.95	35.95	32.95
323620	Mean Well	RS-75-24	+24V @ 0-3.2A	76.8W	5.1x3.9x1.5	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	45.95	39.95	35.95
194854	Mean Well₹	SP-75-24	+24V @ 0-3.2A	76.8W	7.0x3.9x1.3	100	0.5	0.5	3	UL/CUL/TUV/CE/CB	69.95	63.95	59.95
194812	Mean Well 2	SP-100-24	+24V @ 0-4.2A	100.8W	7.0x3.9x1.8	150	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	79.95	75.95	67.95
201971	Mean Well 2	S-100F-24	+24V @ 0-4.5A	108.0W	7.8x3.9x1.5	150	0.5	0.5	2	UL/TUV/CE/CB	46.95	42.95	37.95
323732	Mean Well ?	RS-100-24	!	1	6.3x3.8x1.5	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	63.95	54.95	52.95
1945920	APS	RP1150-24C	+24V @ 0-6.25A	ı	7.5x4.2x2.0	100	1.0	1.0	_	UL/CE	49.95	44.95	39.95
173404	Mean Well 2	SP-150-24	+24V @ 0-6.25A		7.0x3.9x2.0	150	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	89.95	79.95	72.95
1585549 371012	Potrans Potrans	FS-15024-IM GL150W-24-NC	l .	ı	7.8x4.3x2.0 7.8x3.7x2.5	240 180	0.6	0.6 2.0	_	UL/CUL/CE UL/CUL/TUV/CE	49.95 49.95	44.95 44.95	39.95 39.95
123450	Mean Well 2	S-150-24	1+24V @ 0-6.5A	1	7.0x4.3x2.0	240	0.2	0.2	2	UL/CUL/TUV/CE/CB	54.95	49.95	44.95
2079429	PowerLD 2	PD-150-24	J		7.8x3.9x1.5	120	1.0	0.5	_	UL/CUL/CE	59.95	53.95	47.95
323855	Mean Well 2	RS-150-24	+24V @ 0-6.5A	156.0W	7.8x3.9x1.5	120	0.5	0.5	1	UL/CUL/TUV/CE/CB	66.95	57.95	54.95
689750	Potrans	FS-20024-1M	+24V @ 0-8.3A	200.0W	7.8x4.3x2.0	150	0.5	0.5	_	UL/CSA/CE/TUV	59.95	53.95	48.95
194782	Mean Well 🗷	SP-200-24	+24V @ 0-8.4A		7.0x3.9x2.0	150	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	79.95	73.95	69.95
137657	Mean Well 2	S-240-24	+24V @ 0-10A	:	7.5x3.7x2.6	180	0.5	0.5	2	UL/CUL/TUV/CE/CB/PFC	104.95	87.95	78.95
1585565	Potrans	FS-32024-IM	+24V @ 0-12.5A	•	8.4x4.5x2.0	150	0.5	0.5	_	UL/CUL/CE	89.95	79.95	69.95
196657 244752	Mean Well ? Mean Well ?	S-320-24 SP-320-24	+24V @ 0-12.5A +24V @ 0-13.0A at 230VAC; 0-10.4A @ 115VAC		8.5x4.5x2.0	150 150	0.5	0.5	2 3	UL/CUL UL/CUL/TUV/CE/CB/PFC	114.95 124.95	104.95 112.95	89.95 97.95
301322	Mean Well 2	SP-480-24	+24V @ 0-20.0A at 230VAC; 0-18A @ 115VAC	•	•	150	0.5	0.2	3	UL/CUL/TUV/CE/CB/PFC	199.95	179.95	169.95
147054	Mean Well 2	SP-500-24	+24V @ 0-20.0A at 230VAC; 0-17A @ 115VAC			240	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	219.95	204.95	179.95
190722	Mean Well 2		+24V @ 0-20.8A at 230VAC; 0-16.6A @ 115VAC			150	0.5	0.2	4	UL/CUL/TUV/CE/CB/PFC	229.95	204.95	189.95
295902	Mean Well	SE-600-24			9.7x5.0x2.5	150	0.5	0.5	2	UL/CUL	179.95	169.95	149.95
374231	Mean Well 2	PSP-600-24	+24V @ 0-25.0A	ı	6.7x4.7x3.7	240	0.5	0.5	4	UL/CUL/TUV/CE/CB/PFC	189.95	175.95	169.95
220265	Mean Well	SCN-600-24	+24V @ 0-25.0A	1	11.5x5.2x2.7	240	1.0	0.5	4	UL/CUL/CB	289.95	269.95	249.95
320048	Mean Well	SP-750-24	+24V @ 0-31.3A		10.9x5.0x2.5	120	0.5	0.2	3	UL/CUL/TUV/CE/CB	229.95	219.95	209.95
374310	Mean Well Mean Well	SCP-800-24 PSP-1000-24	1+24V @ 0-33.0A 1+24V @ 0-37.6A at 230VAC; 0-32A @ 115VAC		11.4x4.7x2.7 10.9x5.1x5.0	240 150	0.5	0.5	5 4	UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB/PFC	299.95 499.95	289.95 479.95	279.95 459.95
217358 1585717	Mean Well 2				10.9x5.1x5.0 11.6x5.0x1.6	150	0.5	0.2	4	UL/CUL/TUV/CE/CB/PFC	399.95	369.95	349.95
373923	Mean Well		1		10.9x5.1x7.5	150	0.5	0.2	4	UL/CUL/TUV/CE/CB/PFC	599.95	569.95	549.95
694938	Mean Well 2		+24V @ 0-63.0A		10.9x5.0x3.3	150	0.5	0.5	4	UL/CUL/TUV/CE/CB/PFC	599.95	569.95	549.95
693409	Mean Well 2	SP-75-27	+27V @ 0-2.8A		7.0x3.9x1.3	100	0.5	0.5	3	UL/CUL/TUV/CE/CB	69.95	63.95	59.95
202033	Mean Well 2	S-150-27	+27V @ 0-5.6A	:	7.0x4.3x2.0	240	0.2	0.2	2	UL/CUL/TUV/CE/CB	54.95	49.95	44.95
693548	Mean Well 2	SP-200-27	+27V @ 0-7.5A	:	7.0x3.9x2.0	150	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	89.95	79.95	72.95
693581	Mean Well 2		+27V @ 0-11.0A		8.5x4.5x2.0	200	0.5	0.5	2	UL/CUL	114.95	104.95	89.95
693628	Mean Well ?	SP-320-27		•	8.5x4.5x2.0	200	0.5	0.2	3	UL/CUL/TUV/CE/CB/PFC	124.95	112.95	97.95
190706 190731	Mean Well 2 Mean Well 2	SP-500-27 PSP-500-27	+27V @ 0-18.0A at 230VAC; 0-15.3A @ 115VAC +27V @ 0-18.5A at 230VAC; 0-14.8A @ 115VAC			200 150	0.5	0.5	3 4	UL/CUL/TUV/CE/CB/PFC UL/CUL/TUV/CE/CB/PFC	219.95 229.95	204.95	179.95 189.95
295911	Mean Well	SE-600-27			9.7x5.0x2.5	150	0.5	0.2	2	UL/CUL	179.95	169.95	149.95
* Primary 0			More Enclosed Switchin			l .							
	4		WOLE FUCIOSER SWITCHILL	g i owei s	MPPHES UII	payes 11	J-11/	x 117	120				

More Enclosed Switching Power Supplies on pages 116-117 & 119-120

[🗷] RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.





Enclosed Switching AC-to-DC Power Supplies

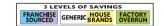
Enclosed Switching AC-to-DC Power Supplies (Continued)

(♠) c N us (←) CB Enclosed Switching AC-to-DC Power Supplies (Continued)									★ IMah C	ode: EPS				
			I I Output			Ripple &	Load	Line	Additional	4.30	period .	Pricing		
Jameco Part No.	Manufacturer	Mfr. Part No.		Power	Size (L"xW"xH")	Noise (mV n-n)*	Reg.	Reg.	Info Pg. 116	Certification	1	10	25	
					put (Contir		(=15)	(= , =)	, g		-			
374257	Mean Well 2	PSP-600-27	+27V @ 0-22.2A		6.7x4.7x3.7	240	0.5	0.5	4	UL/CUL/TUV/CE/CB/PFC	\$189.95	\$175.95	\$169.95	
374038	Mean Well₹	SP-750-27			10.9x5.0x2.5	120	0.5	0.2	3	UL/CUL/TUV/CE/CB	199.95	189.95	179.95	
231652	Mean Well 2	PSP-1000-27	l .		10.9x5.1x5.0	150	0.5	0.2	4	UL/CUL/TUV/CE/CB/PFC	499.95	479.95	459.95	
1585709	Mean Well 2	RSP-1000-27		999.0W	11.6x5.0x1.6	150	0.5	0.5	4	UL/CUL/TUV/CE/CB/PFC	399.95	369.95	349.95	
231714	Mean Well	PSP-1500-27	+27V @ 0-50.4A	1360.8W	10.9x5.1x7.5	150	0.5	0.2	4	UL/CUL/TUV/CE/CB/PFC	699.95	669.95	649.95	
694946	Mean Well 2	RSP-1500-27	+27V @ 0-56.0A	1512.0W	10.9x5.0x3.3	150	0.5	0.5	4	UL/CUL/TUV/CE/CB/PFC	599.95	569.95	549.95	
392834	Mean Well 2	S-240-30	+30V @ 0-8A	240.0W	7.5x3.7x2.6	180	0.5	0.5	2	UL/CUL/TUV/CE/CB/PFC	104.95	87.95	78.95	
216793	Mean Well 2	S-100F-48	+48V @ 0-2.2A	105.6W	7.8x3.9x1.5	150	0.5	0.5	2	UL/TUV/CE/CB	46.95	42.95	37.95	
167346	Mean Well 🕿	S-150-48			7.0x4.3x2.0	240	0.2	0.2	2	UL/CUL/TUV/CE/CB	59.95	53.95	47.95	
201930	Mean Well₹	SP-150-48			7.0x3.9x2.0	250	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	89.95	79.95	72.95	
323863	Mean Well 2	RS-150-48			7.8x3.9x1.5	200	0.5	0.5	1	UL/CUL/TUV/CE/CB	66.95	57.95	54.95	
202068	Mean Well ?	SP-200-48	+48V @ 0-4.2A		7.0x3.9x2.0	250	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	85.95	73.95	69.95	
167338	Mean Well 2	S-240-48	+48V @ 0-5.0A		7.5x3.7x2.6	240	1.0	1.0	2	UL/CUL/TUV/CE/CB/PFC	104.95	87.95	78.95	
689776	Metapo	1M321C48-0M	1		7.5x4.5x2.0	240	0.5	0.5	_	UL/CUL	89.95	79.95	72.95	
207191	Mean Well	S-320-48	I .		8.5x4.5x2.0	240	0.5	0.5	2	UL/CUL	114.95	104.95	89.95	
244770	Mean Well 2	SP-320-48	1		8.5x4.5x2.0	240	0.5	0.2	3	UL/CUL/TUV/CE/CB/PFC	124.95	112.95	97.95	
161796	Mean Well 2	SP-500-48	+48V @ 0-10.0A at 230VAC; 0-8.5A @ 115VAC			300	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC	199.95	171.95	164.95	
301402	Mean Well 2	SP-480-48			10.9x5.0x1.7	240	0.5	0.2	3	UL/CUL/TUV/CE/CB/PFC	219.95	204.95	174.95	
190749	Mean Well ?	PSP-500-48	+48V @ 0-10.5A at 230VAC; 0-8.4A @ 115VAC			200	0.5	0.2	3	UL/CUL/TUV/CE/CB/PFC	229.95	204.95	189.95	
374062	Mean Well 2	SCN-600-48			11.5x5.2x2.7 9.7x5.0x2.5	480	0.5	0.5	4	UL/CUL/CB	289.95	269.95	249.95	
295929	Mean Well	SE-600-48	I .		6.7x4.7x3.7	200	0.5	0.5	2	UL/CUL	179.95	169.95	149.95	
374249 320056	Mean Well &	PSP-600-48 SP-750-48			10.9x5.0x2.5	240 120	0.5	0.5	3	UL/CUL/TUV/CE/CB/PFC UL/CUL/TUV/CE/CB	189.95 399.95	175.95 359.95	169.95 323.95	
217350	Mean Well 2	PSP-1000-48	1+48V @ 0-19.0A at 230VAC; 0-16.2A @ 115VAC			200	0.5	0.2	4	UL/CUL/TUV/CE/CB/PFC	499.95	479.95	459.95	
1585725	Mean Well 2	RSP-1000-48			11.6x5.0x1.6	150	0.5	0.2	4	UL/CUL/TUV/CE/CB	399.95	369.95	349.95	
231722	Mean Well		T. Control of the con		10.9x5.1x7.5	200	0.5	0.2	4	UL/CUL/TUV/CE/CB/PFC	699.95	669.95	649.95	
694954	Mean Well				10.9x5.0x3.3	200	0.5	0.5	4	UL/CUL/TUV/CE/CB/PFC	599.95	569.95	549.95	
					Output									
323362	Mean Well₹	RD-35A	+5V @ 0.3-4A; +12V @ 0.2-1A		3.9x3.2x1.4	80	0.5	0.5	1	UL/CUL/TUV/CE/CB	\$39.95	\$35.95	\$30.95	
323380	Mean Well	RD-35B	+5V @ 0.3-4A; +24V @ 0.2-1.3A		3.9x3.2x1.4	80	0.5	0.5	1	UL/CUL/TUV/CE/CB	39.95	35.95	30.95	
323433	Mean Well	RD-50B	+5V @ 0.3-6A; +24V @ 0.2-2A		3.9x3.8x1.4	80	0.5	0.5	1	UL/CUL/TUV/CE/CB	43.95	37.95	35.95	
323425	Mean Well	RD-50A	+5V @ 0.3-6A; +12V @ 0.3-3A		3.9x3.8x1.4	80	0.5	0.5	1	UL/CUL/TUV/CE/CB	43.95	37.95	35.95	
123458	Mean Well 2	D-60A	+5V @ 0.3-4A; +12V @ 0.2-3A		6.3x3.8x1.5	75	0.5	0.5	2	UL/CUL/TUV/CE/CB	42.95	38.95	34.95	
123466	Mean Well₹	D-60B	+5V @ 0.3-3A; +24V @ 0.2-1.8A	58.0W	6.3x3.8x1.5	75	0.5	0.5	2	UL/CUL/TUV/CE/CB	42.95	38.95	34.95	
323505	Mean Well₹	RD-65A	+5V @ 0.3-8A; +12V @ 0.2-4A	66.0W	5.1x3.9x1.5	80	0.5	0.5	1	UL/CUL/TUV/CE/CB	46.95	40.95	36.95	
323513	Mean Well₹	RD-65B	+5V @ 0.3-8A; +24V @ 0.2-3A	68.0W	5.1x3.9x1.5	80	0.5	0.5	1	UL/CUL/TUV/CE/CB	46.95	40.95	36.95	
323628	Mean Well ₹	RD-85A	+5V @ 2.0-10A; +12V @ 0.3-5A	88.0W	6.3x3.8x1.5	80	1.0	0.5	1	UL/CUL/TUV/CE/CB	62.95	53.95	49.95	
132410	Mean Well 2	D-120A	+5V @ 2.0-12A; +12V @ 0.5-5A	120.0W	7.0x3.9x2.0	60	0.5	0.5	2	UL/CUL/TUV/CE/CB	69.95	62.95	56.95	
132397	Mean Well ₹	D-120B	+5V @ 2.0-6A; +24V @ 0.4-4A	126.0W	7.0x3.9x2.0	60	0.5	0.5	2	UL/CUL/TUV/CE/CB	69.95	62.95	56.95	
323759	Mean Well 2	RD-125B	1		7.8x3.9x1.5	80	3.0	1.0	1	UL/CUL/TUV/CE/CB	69.95	62.95	55.95	
155651	Power One	MAP110-1024CM	+22.8V to +29.2V @ 3.8/3.2A				Λ Γ	1.0		UL/CSA/TUV	79.95	72.95	64.95	
100001	Triple Output													
100001				Triple		240	0.5							
201989	Mean Well ₹	T-40A	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A	Triple 41.5W	Output 5.1x3.9x1.5	100	0.5	0.5	2	CSA/CE	\$41.95	\$37.95	\$33.95	
	Mean Well R			Triple 41.5W	Output 5.1x3.9x1.5				2 2	CSA/CE CSA/CE	\$41.95 41.95	\$37.95 37.95	\$33.95 33.95	
201989		T-40A	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-2A; -12V @ 0.1-0.5A +5V @ 0.6-3A; +15V @ 0.2-1.5A; -15V @ 0.1-0.5A	Triple 41.5W 45.0W 45.0W	5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5	100	0.5	0.5						
201989 201997 202009 323460	Mean Well R Mean Well R Mean Well R	T-40A T-40B T-40C RT-50B	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-2A; -12V @ 0.1-0.5A +5V @ 0.6-3A; +15V @ 0.2-1.5A; -15V @ 0.1-0.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.1-1A	Triple 41.5W 45.0W 45.0W 50.0W	5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 3.9x3.8x1.4	100 100 100 80	0.5 0.5 0.5 1.0	0.5 0.5 0.5 0.5	2 2 1	CSA/CE CSA/CE UL/CUL/TUV/CE/CB	41.95 41.95 44.95	37.95 37.95 39.95	33.95 33.95 37.95	
201989 201997 202009	Mean Well R Mean Well R Mean Well R Mean Well R	T-40A T-40B T-40C	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-2A; -12V @ 0.1-0.5A +5V @ 0.6-3A; +15V @ 0.2-1.5A; -15V @ 0.1-0.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.1-1A +5V @ 0-5A; +15V @ 0.2-2A; -15V @ 0.1-1A	41.5W 45.0W 45.0W 50.0W	5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 3.9x3.8x1.4 3.9x3.8x1.4	100 100 100	0.5 0.5 0.5	0.5 0.5 0.5	2 2	CSA/CE CSA/CE	41.95 41.95	37.95 37.95	33.95 33.95	
201989 201997 202009 323460 323468 323476	Mean Well R	T-40A T-40B T-40C RT-50B RT-50C	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-2A; -12V @ 0.1-0.5A +5V @ 0.6-3A; +15V @ 0.2-1.5A; -15V @ 0.1-0.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.1-1A +5V @ 0-5A; +15V @ 0.2-2A; -15V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.1-1A; +24V @ 0.2-1.5A	Triple 41.5W 45.0W 45.0W 50.0W 50.0W 51.0W	5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 3.9x3.8x1.4 3.9x3.8x1.4 3.9x3.8x1.4	100 100 100 80 80 80	0.5 0.5 0.5 1.0 1.0	0.5 0.5 0.5 0.5 0.5	2 2 1 1 1	CSA/CE CSA/CE UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB	41.95 41.95 44.95 44.95 44.95	37.95 37.95 39.95 39.95 39.95	33.95 33.95 37.95 37.95 37.95	
201989 201997 202009 323460 323468 323476 123482	Mean Well R Mean Well R Mean Well R Mean Well R Mean Well R	T-40A T-40B T-40C RT-50B RT-50C RT-50D T-60B	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-2A; -12V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-1.5A; -15V @ 0.1-0.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.1-1A +5V @ 0.5A; +15V @ 0.2-2A; -15V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.1-1A; +24V @ 0.2-1.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0-0.5A	Triple 41.5W 45.0W 45.0W 50.0W 50.0W 51.0W 61.0W	5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 3.9x3.8x1.4 3.9x3.8x1.4 3.9x3.8x1.4 6.3x3.8x1.5	100 100 100 80 80 80 100	0.5 0.5 0.5 1.0 1.0 1.0	0.5 0.5 0.5 0.5 0.5 0.5	2 2 1 1 1 2	CSA/CE CSA/CE UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB	41.95 41.95 44.95 44.95 44.95 45.95	37.95 37.95 39.95 39.95 39.95 41.95	33.95 33.95 37.95 37.95 37.95 36.95	
201989 201997 202009 323460 323468 323476 123482 123491	Mean Well R Mean Well R Mean Well R Mean Well R Mean Well R Mean Well R Mean Well R	T-40A T-40B T-40C RT-50B RT-50C RT-50D T-60B T-60C	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-2A; -12V @ 0.1-0.5A +5V @ 0.6-3A; +15V @ 0.2-1.5A; -15V @ 0.1-0.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.1-1A +5V @ 0-5A; +15V @ 0.2-2A; -15V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.1-1A; +24V @ 0.2-1.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0-0.5A	Triple 41.5W 45.0W 45.0W 50.0W 50.0W 51.0W 61.0W 62.5W	5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 3.9x3.8x1.4 3.9x3.8x1.4 6.3x3.8x1.5 6.3x3.8x1.5	100 100 100 80 80 80 100	0.5 0.5 0.5 1.0 1.0 1.0	0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 2 1 1 1 2 2	CSA/CE CSA/CE UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB	41.95 41.95 44.95 44.95 44.95 45.95	37.95 37.95 39.95 39.95 39.95 41.95 41.95	33.95 33.95 37.95 37.95 37.95 36.95	
201989 201997 202009 323460 323468 323476 123482 123491 323540	Mean Well R Mean Well R	T-40A T-40B T-40C RT-50B RT-50C RT-50D T-60B T-60C RT-65B	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-2A; -12V @ 0.1-0.5A +5V @ 0.6-3A; +15V @ 0.2-1.5A; -15V @ 0.1-0.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.2-2A; -15V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.1-1A; +24V @ 0.2-1.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0-0.5A +5V @ 0.5-5A; +15V @ 0.2-2A; -15V @ 0-0.5A	Triple 41.5W 45.0W 45.0W 50.0W 50.0W 51.0W 61.0W 62.5W 64.6W	5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 3.9x3.8x1.4 3.9x3.8x1.4 6.3x3.8x1.5 6.3x3.8x1.5 5.1x3.9x1.5	100 100 100 80 80 80 100 100	0.5 0.5 0.5 1.0 1.0 1.0 1.0	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 2 1 1 1 2 2	CSA/CE CSA/CE UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB	41.95 41.95 44.95 44.95 44.95 45.95 45.95 49.95	37.95 37.95 39.95 39.95 39.95 41.95 41.95 45.95	33.95 33.95 37.95 37.95 37.95 36.95 36.95 41.95	
201989 201997 202009 323460 323468 323476 123482 123491 323540 323548	Mean Well R	T-40A T-40B T-40C RT-50B RT-50C RT-50D T-60B T-60C RT-65B RT-65C	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-2A; -12V @ 0.1-0.5A +5V @ 0.6-3A; +15V @ 0.2-1.5A; -15V @ 0.1-0.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.2-2A; -15V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.2-2A; -15V @ 0.2-1.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0-0.5A +5V @ 0.5-5A; +15V @ 0.2-2A; -15V @ 0-0.5A +5V @ 0.5-8A; +12V @ 0.2-3.5A; -12V @ 0-1A	Triple 41.5W 45.0W 45.0W 50.0W 50.0W 51.0W 61.0W 62.5W 64.6W 65.5W	5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 3.9x3.8x1.4 3.9x3.8x1.4 6.3x3.8x1.5 6.3x3.8x1.5 5.1x3.9x1.5	100 100 100 80 80 80 100 100 80	0.5 0.5 0.5 1.0 1.0 1.0 1.0 1.0	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 2 1 1 1 2 2 1	CSA/CE CSA/CE UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB	41.95 41.95 44.95 44.95 44.95 45.95 45.95 49.95	37.95 37.95 39.95 39.95 39.95 41.95 41.95 45.95	33.95 33.95 37.95 37.95 36.95 36.95 41.95	
201989 201997 202009 323460 323468 323476 123482 123491 323540 323548 323555	Mean Well R	T-40A T-40B T-40C RT-50B RT-50C RT-50D T-60B T-60C RT-65B RT-65C RT-65D	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-2A; -12V @ 0.1-0.5A +5V @ 0.6-3A; +15V @ 0.2-1.5A; -15V @ 0.1-0.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.2-2A; -15V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.2-2A; -15V @ 0.2-1.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0-0.5A +5V @ 0.5-5A; +15V @ 0.2-2A; -15V @ 0-0.5A +5V @ 0.5-8A; +12V @ 0.2-3.5A; -12V @ 0-1A +5V @ 0.5-8A; +15V @ 0.2-3.5A; -15V @ 0-1A	Triple 41.5W 45.0W 45.0W 50.0W 50.0W 51.0W 61.0W 62.5W 64.6W 65.5W 68.0W	5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 3.9x3.8x1.4 3.9x3.8x1.4 6.3x3.8x1.5 6.3x3.8x1.5 5.1x3.9x1.5 5.1x3.9x1.5	100 100 100 80 80 80 100 100 80 80 80	0.5 0.5 0.5 1.0 1.0 1.0 1.0 1.0 1.0	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 2 1 1 1 2 2 1 1	CSA/CE CSA/CE UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB UL/CUL/TUV/CE/CB	41.95 41.95 44.95 44.95 45.95 45.95 49.95 49.95	37.95 37.95 39.95 39.95 39.95 41.95 41.95 45.95 45.95	33.95 33.95 37.95 37.95 36.95 36.95 41.95 41.95	
201989 201997 202009 323460 323468 323476 123482 123491 323540 323548 323555 323661	Mean Well R	T-40A T-40B T-40C RT-50B RT-50C RT-50D T-60B T-60C RT-65B RT-65C RT-65D RT-85C	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-2A; -12V @ 0.1-0.5A +5V @ 0.6-3A; +15V @ 0.2-1.5A; -15V @ 0.1-0.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.2-2A; -15V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.0-1.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0-0.5A +5V @ 0.5-5A; +15V @ 0.2-2A; -15V @ 0-1A +5V @ 0.5-8A; +12V @ 0.2-3.5A; -12V @ 0-1A +5V @ 0.5-8A; +15V @ 0.2-3.5A; -15V @ 0-1A +5V @ 0.5-8A; +15V @ 0.3-4A; -15V @ 0.2-2A +5V @ 2-10A; +15V @ 0.3-4A; -15V @ 0.1-1A	Triple 41.5W 45.0W 45.0W 50.0W 50.0W 51.0W 61.0W 62.5W 64.6W 65.5W 68.0W 87.5W	5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 3.9x3.8x1.4 3.9x3.8x1.4 6.3x3.8x1.5 6.3x3.8x1.5 5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 6.3x3.8x1.5	100 100 100 80 80 80 100 100 80 80 80 80	0.5 0.5 0.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 2 1 1 1 2 2 1 1 1 1	CSA/CE CSA/CE UL/CUL/TUV/CE/CB	41.95 41.95 44.95 44.95 45.95 45.95 49.95 49.95 69.95	37.95 37.95 39.95 39.95 39.95 41.95 41.95 45.95 45.95 45.95 63.95	33.95 33.95 37.95 37.95 36.95 36.95 41.95 41.95 41.95 59.95	
201989 201997 202009 323460 323468 323476 123482 123491 323540 323548 323555 323661 323678	Mean Well R Mean Well G Mean Well R	T-40A T-40B T-40C RT-50B RT-50C RT-50D T-60B T-60C RT-65B RT-65C RT-65D RT-85C RT-85D	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-2A; -12V @ 0.1-0.5A +5V @ 0.6-3A; +15V @ 0.2-1.5A; -15V @ 0.1-0.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.2-2A; -15V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.0-1.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0-0.5A +5V @ 0.5-5A; +15V @ 0.2-2A; -15V @ 0-0.5A +5V @ 0.5-8A; +15V @ 0.2-3.5A; -12V @ 0-1A +5V @ 0.5-8A; +12V @ 0.2-3.5A; -15V @ 0-1A +5V @ 0.5-8A; +15V @ 0.3-2.5A; -15V @ 0-1A +5V @ 0.5-8A; +15V @ 0.3-4A; -15V @ 0.1-1A +5V @ 2-10A; +15V @ 0.3-4A; -15V @ 0.3-2.5A	Triple 41.5W 45.0W 45.0W 50.0W 50.0W 51.0W 61.0W 62.5W 64.6W 65.5W 68.0W 87.5W 90.0W	5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 3.9x3.8x1.4 3.9x3.8x1.4 6.3x3.8x1.5 6.3x3.8x1.5 5.1x3.9x1.5 5.1x3.9x1.5 6.3x3.8x1.5 6.3x3.8x1.5 6.3x3.8x1.5	100 100 100 80 80 80 100 100 80 80 80 80	0.5 0.5 0.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 2 1 1 1 2 2 1 1 1 1 1	CSA/CE CSA/CE UL/CUL/TUV/CE/CB	41.95 41.95 44.95 44.95 45.95 45.95 49.95 49.95 69.95	37.95 37.95 39.95 39.95 41.95 41.95 45.95 45.95 45.95 63.95	33.95 33.95 37.95 37.95 36.95 36.95 41.95 41.95 59.95 59.95	
201989 201997 202009 323460 323468 323476 123482 123491 323540 323548 323555 323661 323678 213794	Mean Well R Mean Well Wean Well Wean Well Wean Well	T-40A T-40B T-40C RT-50B RT-50C RT-50D T-60B T-60C RT-65B RT-65C RT-65D RT-85C RT-85D TP-100A	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-2A; -12V @ 0.1-0.5A +5V @ 0.6-3A; +15V @ 0.2-1.5A; -15V @ 0.1-0.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.2-2A; -15V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.2-2.5; -12V @ 0.2-1.5A +5V @ 0.5-5A; +12V @ 0.2-2.5; -12V @ 0.0-5A +5V @ 0.5-5A; +15V @ 0.2-2.5A; -12V @ 0-0.5A +5V @ 0.5-8A; +15V @ 0.2-3.5A; -12V @ 0-1A +5V @ 0.5-8A; +12V @ 0.2-3.5A; -15V @ 0-1A +5V @ 0.5-8A; +15V @ 0.2-3.5A; -15V @ 0-1A +5V @ 0.5-8A; +15V @ 0.3-4A; -15V @ 0-1A +5V @ 2-10A; +15V @ 0.3-4A; -15V @ 0.3-2.5A +5V @ 3-10A; +12V @ 0.1-1A; +24V @ 0.3-2.5A	Triple 41.5W 45.0W 45.0W 50.0W 50.0W 51.0W 61.0W 62.5W 64.6W 65.5W 68.0W 87.5W 90.0W	5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 3.9x3.8x1.4 3.9x3.8x1.4 6.3x3.8x1.5 6.3x3.8x1.5 5.1x3.9x1.5 5.1x3.9x1.5 6.3x3.8x1.5 6.3x3.8x1.5 6.3x3.8x1.5 6.3x3.8x1.5 7.8x3.9x2.0	100 100 100 80 80 80 100 100 80 80 80 80 80	0.5 0.5 0.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 3.0	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 2 1 1 1 2 2 1 1 1 1 1 1 3	CSA/CE CSA/CE UL/CUL/TUV/CE/CB	41.95 41.95 44.95 44.95 45.95 45.95 49.95 49.95 69.95 99.95	37.95 37.95 39.95 39.95 39.95 41.95 41.95 45.95 45.95 45.95 63.95 89.95	33.95 33.95 37.95 37.95 36.95 36.95 41.95 41.95 59.95 59.95 84.95	
201989 201997 202009 323460 323468 323476 123482 123491 323540 323548 323555 323661 323678	Mean Well R Mean Well G Mean Well R	T-40A T-40B T-40C RT-50B RT-50C RT-50D T-60B T-60C RT-65B RT-65C RT-65D RT-85C RT-85D	+5V @ 0.6-3A; +12V @ 0.2-2A; -5V @ 0.1-0.5A +5V @ 0.6-3A; +12V @ 0.2-2A; -12V @ 0.1-0.5A +5V @ 0.6-3A; +15V @ 0.2-1.5A; -15V @ 0.1-0.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.2-2A; -15V @ 0.1-1A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0.0-1.5A +5V @ 0.5-5A; +12V @ 0.2-2.5A; -12V @ 0-0.5A +5V @ 0.5-5A; +15V @ 0.2-2A; -15V @ 0-0.5A +5V @ 0.5-8A; +15V @ 0.2-3.5A; -12V @ 0-1A +5V @ 0.5-8A; +12V @ 0.2-3.5A; -15V @ 0-1A +5V @ 0.5-8A; +15V @ 0.3-2.5A; -15V @ 0-1A +5V @ 0.5-8A; +15V @ 0.3-4A; -15V @ 0.1-1A +5V @ 2-10A; +15V @ 0.3-4A; -15V @ 0.3-2.5A	Triple 41.5W 45.0W 45.0W 50.0W 50.0W 51.0W 61.0W 62.5W 64.6W 65.5W 68.0W 87.5W 90.0W 100.0W	5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 5.1x3.9x1.5 3.9x3.8x1.4 3.9x3.8x1.4 6.3x3.8x1.5 6.3x3.8x1.5 5.1x3.9x1.5 5.1x3.9x1.5 6.3x3.8x1.5 6.3x3.8x1.5 7.8x3.9x2.0 7.8x3.9x2.0	100 100 100 80 80 80 100 100 80 80 80 80	0.5 0.5 0.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 2 1 1 1 2 2 1 1 1 1 1 1 3	CSA/CE CSA/CE UL/CUL/TUV/CE/CB	41.95 41.95 44.95 44.95 45.95 45.95 49.95 49.95 69.95	37.95 37.95 39.95 39.95 41.95 41.95 45.95 45.95 45.95 63.95	33.95 33.95 37.95 37.95 36.95 36.95 41.95 41.95 59.95 59.95	

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



Enclosed Power Supplies & Accessories



RO-65

P c¶us ≜C€CB

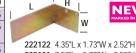
Enclosed Switching AC-to-DC Power Supplies (Continued)

₽ c ¶ us ≜ C € CB		CB	Enclosed Switching AC-to-DC Power Supplies (Continued)						★ Web C		Code: EPS		
Jameco			Output		Size	Ripple & Noise	Load Reg.	Line Reg.	Additional Info		A STATE OF THE PARTY OF THE PAR	Pricing	
Part No.	Manufacturer	Mfr. Part No.	Voltage @ Current (min-max)	Power	(L"xW"xH")	(mV p-p)*	(±%)*	(±%)*	Pg. 116	Certification	1	10	25
			Trip	ole Out	put (Contir	ued)							
323767	Mean Well₹	RT-125A	+5V @ 2-15A; +12V @ 0.5-6A; -5V @ 0.1-1A	131.0W	7.8x3.9x1.5	80	1.0	0.5	1	UL/CUL/TUV/CE/CB	\$69.95	\$62.95	\$55.95
323775	Mean Well 2	RT-125B	+5V @ 2-15A; +12V @ 0.5-6A; -12V @ 0.1-1A	132.0W	7.8x3.9x1.5	80	1.0	0.5	1	UL/CUL/TUV/CE/CB	69.95	62.95	55.95
323783	Mean Well 2	RT-125C	+5V @ 2-15A; +15V @ 0.5-6A; -15V @ 0.1-1A	132.5W	7.8x3.9x1.5	80	1.0	0.5	1	UL/CUL/TUV/CE/CB	69.95	62.95	55.95
323792	Mean Well 2	RT-125D	+5V @ 2-15A; +12V @ 0.1-2A; +24V @ 0.4-4A	136.0W	7.8x3.9x1.5	80	1.0	0.5	1	UL/CUL/TUV/CE/CB	72.95	64.95	58.95
				Quad	Output								
323484	Mean Well 2	RQ-50B	+5V @ 0.5-6A; +12V @ 0.2-1.5A;	45.5W	3.9x3.8x1.4	80	0.5	0.5	1	UL/CUL/TUV/CE/CB	\$49.95	\$45.95	\$41.95
			-5V @ 0-1A; -12V @ 0-1A	<u> </u>	! !								
323492	Mean Well 🕿	RQ-50D	+5V @ 0.5-6A; +12V @ 0.2-1.5A;	53.4W	3.9x3.8x1.4	80	0.5	0.5	1	UL/CUL/TUV/CE/CB	49.95	44.95	39.95
			+24V @ 0.1-1A; -12V @ 0-1A	<u>i</u>	į								
147046	Mean Well 2	Q-60B	+5V @ 0.5-5.5A; +12V @ 0.1-2A;	60.0W	6.3x3.8x1.5	100	0.5	0.5	2	UL/CUL/CE/CB	49.95	45.95	41.95
			-5V @ 0-0.5A; -12V @ 0-0.5A	i	! !								
323564	Mean Well 2	RQ-65B	+5V @ 0.5-8A; +12V @ 0.2-3A;	62.5W	5.1x3.9x1.5	80	0.5	0.5	1	UL/CUL/TUV/CE/CB	45.95	39.95	36.95
			-5V @ 0-1A; -12V @ 0-1A	!	! !								
323572	Mean Well 🕿	RQ-65D	+5V @ 0.5-8A; +12V @ 0.2-3A;	68.0W	5.1x3.9x1.5	80	0.5	0.5	1	UL/CUL/TUV/CE/CB	49.95	44.95	39.95
			+24V @ 0.1-1.5A; -12V @ 0-1A	į .	į								
323695	Mean Well 🕿	RQ-85D	+5V @ 2-10A; +12V @ 0.3-4A;	84.0W	6.3x3.8x1.5	80	1.0	0.5	1	UL/CUL/TUV/CE/CB	74.95	67.95	59.95
			+24V @ 0.1-1.5A; -12V @ 0-1A	<u> </u>	! !								
132389	Mean Well 2	Q-120B	+5V @ 2-11A; +12V @ 0.5-4A;	120.0W	7.0x3.9x2.0	80	0.5	0.5	2	UL/CUL/TUV/CE/CB	69.95	62.95	55.95
			-5V @ 0.2-1A; -12V @ 0.2-1A	!	! !								
323803	Mean Well	RQ-125B	+5V @ 2-12A; +12V @ 0.5-4.5A;	120.0W	7.8x3.9x1.5	80	1.0	0.5	1	UL/CUL/TUV/CE/CB	69.95	62.95	55.95
			-5V @ 0.1-1A; -12V @ 0.1-1A	į									
132371	Mean Well 2	Q-120D	+5V @ 2-8A; +12V @ 0.2-2A;	124.0W	7.0x3.9x2.0	80	0.5	0.5	2	UL/CUL/TUV/CE/CB	59.95	53.95	49.95
			+24V @ 0.2-2A; -12V @ 0.2-1A	<u> </u>	<u> </u>								
213752	Mean Well 2	QP-200D	+5V @ 3-15A; +12V @ 0-4A	204.9W	7.8x3.9x2.0	100	2.0	1.0	3	UL/CUL/TUV/CE/CB	149.95	134.95	119.95
			+24V @ 0.4-3A; -12V @ 0-0.7A	1	!								

^{*} Primary Output

Mounting Brackets & Accessories for Mean Well Enclosed Switching AC-to-DC Power Supplies

2-F3 x 6, 2-F4 x 6, 2-T3 x 6, 2-T4 x 6 and 8-T4 x 6 (Not Included) All brackets use metric screws: Mfr. No. For Models Part No. DRL-01 S-25/40, RS-25/35 \$2.25 \$1.95 S-60/100F/150, D-60/120, 222131 DRL-02 2.49 2.25 SD-100/150, SP-75/100/150/200 DRL-03 S-240/320, SP-320 2.75 222148 2.95 DRP-01 All Models 2.95 2.75 222165 S-25, SP-75/100/150/200 DRP-02 2.49 2.25 DRP-03 1.95 222173 All Models 2.25 222182 MHS012 S-320/350, SP-100/150/200/320 .99 .75 1952636 MHS013 PSP-500, SP-750, SE-600 45 .99 1.75"L x 1.97"W x .345"H .767"L x .60"W x .625"H MHS025 SP-500, PSP-600 1.75











222199



72996 \$22.49 Solderless Terminal Crimp Tool

Pricing & specs on page 77

Mating Connector

103588 \$1.20/10

LED Enclosed Power Supplies with Power Factor Correction

For Indoor and Outdoor Applications

- · Suitable for LED lighting & moving sign application
- Short-circuit/overload/overvoltage/overtemperature protection
- UL1310 class 2 power unit
- PLN Series · Plastic case CLG Series · Metal case
- · 100% full-load burn-in test · Universal AC input/full range
- · Inrush current: 40A/230VAC

222182

Cooling by free air convection

1952636



1.62"L x .67"W x .60"H 5.51"L x 7.89"W x .068"H





₽ :**Я** us (€) (€

· Constant voltage and current · Adjustable voltage and current

• Working temperature: -30 C to 50 C	• Two-year warranty
 Working temperature: -30°C to 70°C 	· Three-year warranty

Jameco			Output		Size	Ripple & Noise	Load Reg.	Line Reg.			Pricing	
Part No.	Manufacturer	Mfr. Part No.	Voltage @ Current (min-max) Power		(L"xW"xH")	(mV p-p)*	(±%)*	(±%)*	Certification	1	10	25
1954404	Mean Well ₹	PLN-30-12	+12V @ 0-2.5A	30.0W	5.7x1.9x1.2	2000	10.0	3.0	UL/CUL/TUV/CE	\$44.95	\$39.95	\$36.95
1918913	Mean Well₹	PLN-60-12	+12V @ 0-5.0A	60.0W	7.1x2.4x1.4	2000	10.0	4.0	UL/CUL/TUV/CE	64.95	58.95	54.95
1918921	Mean Well ₹	CLG-60-12	+12V @ 0-5.0A	60.0W	6.8x2.4x1.5	2000	10.0	4.0	UL/CUL/TUV/CE	79.95	71.95	68.95
1918833	Mean Well₹	PLN-100-12	+12V @ 0-5.0A	60.0W	7.9x2.8x1.4	150	2.0	1.0	UL/CUL/TUV/CE/PFC	84.95	76.95	72.95
1918964	Mean Well₹	PLN-60-15	+15V @ 0-4.0A	60.0W	7.1x2.4x1.4	2400	10.0	4.0	UL/CUL/TUV/CE	64.95	58.95	54.95
1919001	Mean Well ₹	CLG-60-15	+15V @ 0-4.0A	60.0W	6.8x2.4x1.5	2400	10.0	4.0	UL/CUL/TUV/CE	79.95	71.95	68.95
1918841	Mean Well₹	PLN-100-15	+15V @ 0-5.0	75.0W	7.9x2.8x1.4	150	2.0	1.0	UL/CUL/TUV/CE/PFC	84.95	76.95	72.95
1585864	Mean Well₹	CLG-100-20	+20V @ 0-4.8A	96.0W	8.7x2.7x1.5	150	2.0	1.0	UL/CUL/TUV/CE/PFC	109.95	95.95	91.95
1954412	Mean Well ₹	PLN-30-24	+24V @ 0-1.25A	30.0W	5.7x1.9x1.2	2600	10.0	3.0	UL/CUL/TUV/CE	44.95	39.95	36.95
1918981	Mean Well₹	PLN-60-24	+24V @ 0-2.5A	60.0W	7.1x2.4x1.4	2700	10.0	4.0	UL/CUL/TUV/CE	64.95	58.95	54.95
1919027	Mean Well₹	CLG-60-24	+24V @ 0-2.5A	60.0W	6.8x2.4x1.5	2700	10.0	4.0	UL/CUL/TUV/CE	79.95	71.95	68.95
1918868	Mean Well ₹	PLN-100-24	+24V @ 0-4.0A	96.0W	7.9x2.8x1.4	150	2.0	1.0	UL/CUL/TUV/CE/PFC	84.95	76.95	72.95
1585872	Mean Well₹	CLG-100-24	+24V @ 0-4.0A	96.0W	8.7x2.7x1.5	150	2.0	1.0	UL/CUL/TUV/CE/PFC	109.95	95.95	91.95
1585733	Mean Well₹	CLG-100-27	+27V @ 0-3.55A	95.85W	8.7x2.7x1.5	150	2.0	1.0	UL/CUL/TUV/CE/PFC	109.95	95.95	91.95

Primary Output

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.





DIN-Rail Switching & Rack Mount Power Supplies

Encapsulated Switching Power Supplies

PM-05/PM-10/PM-15/PM-20 Series:

- · Universal AC input (85-264VAC @ 47Hz)
- Short-circuit, overload, overvoltage protection
- Ultra-miniature size
- UL/CUL/TUV/CE/CB
- Cooling by free air convection 100% full-load burn-in test
- Three-year warranty



					_							
			Output			Ripple & Noise	Load	Line Size		Pricing		
Part No.	Manufacturer	Mfr. P/N	Volt.@Curr. (min-max)	Power	Pins	(mVp-p)	Reg (±%)	Reg (±%)	(L" x W" x H")	1	10	25
1954527	Mean Well ₹	PM-05-12	+12V @ 0-0.42A	5.04W	4	150	1.0	0.5	2.5 x 2.0 x 0.8	\$19.95	\$17.95	\$15.95
1954551	Mean Well ₹	PM-10-12	+12V @ 0-0.85A	10.20W	4	150	1.0	0.5	2.8 x 2.0 x 0.9	21.95	19.95	17.95
1954586	Mean Well ₹	PM-15-12	+12V @ 0-1.25A	15.00W	4	150	1.0	0.5	3.0 x 2.1 x 0.9	24.95	22.49	19.95
1954367	Mean Well₹	PM-20-12	+12V @ 0-1.80A	21.60W	6	150	1.0	0.5	3.7 x 2.2 x 0.9	27.95	25.95	23.95
1954535	Mean Well₹	PM-05-24	+24V @ 0-0.23A	5.52W	4	240	0.5	0.5	2.5 x 2.0 x 0.8	19.95	17.95	15.95
1954560	Mean Well ₹	PM-10-24	+24V @ 0-0.42A	10.10W	4	240	0.5	0.5	2.8 x 2.0 x 0.9	21.95	19.95	17.95
1954594	Mean Well ₹	PM-15-24	+24V @ 0-0.63A	15.10W	4	240	0.5	0.5	3.0 x 2.1 x 0.9	24.95	22.49	19.95
1954383	Mean Well ₹	PM-20-24	+24V @ 0-0.92A	22.10W	6	240	0.5	0.5	3.7 x 2.2 x 0.9	27.95	25.95	23.95

DIN-Rail Switching Power Supplies

- Short-circuit, overload, overvoltage protection
- Low cost, high reliability
- 100% full-load burn-in test
- · For DIN-Rail terminal blocks see pg 76







* Web Code: ESP















1943300

1943449

UL-508	
MW	
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212274 (Fig. 4)

(Fig. 7) 221892 (Fig. 5) Rail not included (Fig. 9)

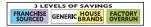
192699 (Fig. 2) * Web Code: RBY 212291 (Fig. 3) Rail not included Output Volts @ Curr. Mfr. Part No Pwr (W) Input Voltage (VAC @ Hz/VDC) Input Current @ Max Load Size (L" x W" x H") Part No Fig. Wt. (lbs.) 10 25 0.6 373174 DR-30-5 2 5VDC @ 3A 85-264 @ 47-63/120-370 1.1A(115V)/600mA(230V) 3.1 x 3.7 x 2.2 \$39 95 \$35.95 \$31.95 1943300 MDR-20-5 2 7 5VDC @ 3A 85-264 @ 47-63/120-370 0.55A (115V)/0.35A (230V) 3.9 x 0.9 x 3.5 15 0.4 39.95 35.95 31.95 212303 DR-4505 🕿 2 5VDC @ 5A 85-264 @ 47-63/120-370 1.5A(115V)/750mA(230V) 3.0 x 2.6 x 3.6 0.9 44.95 40.95 36.95 1943393 MDR-40-5 2 8 5VDC @ 6A 30 85-264 @ 47-63/120-370 1.1A (115V)/0.7A (230V) 3.9 x 1.6 x 3.5 0.6 52.95 46.95 42.95 373212 DR-60-5 2 1 5VDC @ 6.5A 325 85-264 @ 47-63/124-370 1.8A(115V)/1.0A(230V) 3.1 x 3.7 x 2.2 0.7 52 95 46 95 42 95 1943449 9 MDR-60-5 2 5VDC @ 10A 50 85-264 @ 47-63/120-370 1.8A (115V)/1.0A (230V) 3.9 x 1.6 x 3.5 0.7 54.95 49.95 44.95 1952978 MDR-10-12 🗷 12VDC @ 0.84A 85-264 @ 47-63/120-370 0.33A(155V)/0.21A(230V) 3.9 x 0.9 x 3.5 0.4 29.95 26.95 1943334 MDR-20-12 2 7 12VDC @ 1.67A 20 85-264 @ 47-63/120-370 0.55A (115V)/0.35A (230V) 3.9 x 0.9 x 3.5 0.4 39.95 35.95 31.95 373182 DR-30-12 2 1 12VDC @ 2A 24 85-264 @ 47-63/120-370 1 1A(115V)/600mA(230V) 31x37x22 0.6 39 95 35 95 31 95 1943406 MDR-40-12 🕿 8 12VDC @ 3.33A 40 85-264 @ 47-63/120-370 1.1A (115V)/0.7A (230V) 3.9 x 1.6 x 3.5 0.6 52.95 46.95 42.95 12VDC @ 3.5A 85-264 @ 47-63/120-370 1.5A(115V)/750mA(230V) 192699 DR-4512 🕿 2 42 3.0 x 2.6 x 3.6 0.7 44.95 40.95 36.95 85-264 @ 47-63/124-370 373230 DR-60-12 2 1 12VDC @ 4.5A 1.8A(115V)/1.0A(230V) 3.1 x 3.7 x 2.2 0.7 51.95 46.95 42.95 9 85-264 @ 47-63/120-370 1943457 MDR-60-12 2 12VDC @ 5A 1.8A (115V)/1.0A (230V) 54.95 49.95 44.95 60 3.9 x 1.6 x 3.5 0.7 212291 DR-7512 🕿 3 12VDC @ 6.3A 75 85-264 @ 47-63/120-370 2.0A(115V)/1.2A(230V) 3.9 x 2.1 x 4.9 1.2 69.95 62.95 56.95 1943481 MDR-100-12 🗷 9 12VDC @ 7.5A 85-264 @ 47-63/120-370 1.3A(155V)/0.8A(230V) 0.9 3.9 x 2.2 x 3.5 89.95 79.95 74.95 212274 DR-12012 2 4 12VDC @ 10A 120 88-132/176-264* @ 47-63 2.8A(115V)/1.7A(230V) 2.6 x 3.9 x 4.9 1.4 84.95 77.95 69.95 1943342 MDR-20-15 2 7 15VDC @ 1.34A 20 85-264 @ 47-63/120-370 0.55A (115V)/0.35A (230V) $3.9 \times 0.9 \times 3.5$ 0.4 39.95 35.95 31.95 373191 DR-30-15 2 1 15VDC @ 2A 30 85-264 @ 47-63/120-370 1.1A(115V)/600mA(230V) 3.1 x 3.7 x 2.2 0.6 39.95 35.95 31.95 221875 DR-4515 🕿 2 15VDC @ 2.8A 85-264 @ 47-63/120-370 1.5A(115V)/750mA(230V) 3.0 x 2.6 x 3.6 0.9 44.95 40.95 42 36.95 373238 DR-60-15 2 1 15VDC @ 4A 60 85-264 @ 47-63/124-370 1.8A(115V)/1.0A(230V) 31x37x22 0.7 51 95 46 95 42 95 1952986 MDR-10-24 🕿 7 24VDC @ 0.42A 10 85-264 @ 47-63/120-370 0.33A(155V)/0.21A(230V) 3.9 x 0.9 x 3.5 0.4 32.95 29.95 26.95 1943385 MDR-20-24 2 7 24VDC @ 1A 24 85-264 @ 47-63/120-370 0.55A (115V)/0.35A (230V) 3.9 x 0.9 x 3.5 0.4 39.95 35.95 31.95 373203 DR-30-24 2 24VDC @ 1.5A 36 85-264 @ 47-63/120-370 1.1A(115V)/600mA(230V) 3.1 x 3.7 x 2.2 0.6 39.95 35.95 31.95 1943422 MDR-40-24 2 8 24VDC @ 1 7A 40.8 85-264 @ 47-63/120-370 1.1A (115V)/0.7A (230V) 39x16x35 0.6 52 95 46 95 42 95 192681 DR-4524 🕿 2 24VDC @ 2A 48 85-264 @ 47-63/120-370 1.5A(115V)/750mA(230V) 3.0 x 2.6 x 3.6 0.7 44.95 40.95 36.95 373246 DR-60-24 🕿 24VDC @ 2.5A 60 85-264 @ 47-63/124-370 1.8A(115V)/1.0A(230V) 3.1 x 3.7 x 2.2 0.7 51.95 46.95 42.95 Q 85-264 @ 47-63/120-370 1943465 MDR-60-24 2 24VDC @ 25A 60 1.8A (115V)/1.0A (230V) 3.9 x 1.6 x 3.5 0.7 54.95 49.95 44.95 212282 3 24VDC @ 3.2A 75 85-264 @ 47-63/120-370 3.9 x 2.1 x 4.9 1.2 DR-7524 🗷 2.0A(115V)/1.2A(230V) 69.95 62.95 56.95 1943490 MDR-100-24 2 9 24VDC @ 4A 85-264 @ 47-63/120-370 1.3A(155V)/0.8A(230V) 3.9 x 2.2 x 3.5 0.9 89.95 79.95 74.95 212266 DR-12024 🗷 4 24VDC @ 5A 120 88-132/176-264* @ 47-63 2.8A(115V)/1.7A(230V) 2.6 x 3.9 x 4.9 1.4 84.95 77.95 69.95 1953727 DRH-120-24 R 4 24VDC @ 5A 120 340-550 @ 47-63/480-780 0.65A(400V)/0.6A(500V) 3.9 x 2.6 x 4.9 17 84.95 77.95 69.95 221892 DRP-24024 2 1 5 24VDC @ 10A 240 85-264 @ 47-63/120-370 3.5A(115V)/1.8A(230V) 3.9 x 4.9 x 4.9 2.4 149.95 134.95 119.95 373123 DRT-240-24 R 24VDC @ 10A 3-phase 340-550 @ 47-63/480-780 0.95A(400V)/0.75A(500V) 3.9 x 4.9 x 4.9 2.9 154.95 139.95 124.95 252663 DRP-48024 **2** 1 6 24VDC @ 20A 480 180-264 @ 47-63/25-370 4.0A(230V) 8.9 x 3.9 x 4.9 4.6 189.95 169.95 149.95 90-132/180-264* @ 47-63/254-370 295938 DRP-480S-24 2 6 24VDC @ 20A 480 11.0A(115V)/4.0A(230V) 89x39x49 46 199 95 179 95 159 95 372577 DRT-480-24 🕿 6 24VDC @ 20A 480 3-phase 340-550 @ 47-63/480-750 1.7A (400V)/1.3A(500V) 8.9 x 3.9 x 4.9 5.5 219.95 199.95 179.95 1943431 MDR-40-48 2 8 48VDC @ 0.83A 39.8 85-264 @ 47-63/120-370 1.1A (115V)/0.7A (230V) 3.9 x 1.6 x 3.5 0.6 52.95 42.95 1943473 MDR-60-48 2 9 48VDC @ 1.25A 60 85-264 @ 47-63/120-370 1.8A (115V)/1.0A (230V) 3.9 x 1.6 x 3.5 0.7 54.95 49.95 44.95 88-132/176-264* @ 47-63 221904 DR-12048 🕿 48VDC @ 2.5A 120 2.8A(115V)/1.7A(230V) 84.95 77.95 69.95 4 2.6 x 3.9 x 4.9 1.4 1953735 DR-120-48 8 4 48VDC @ 2.5A 120 340-550 @ 47-63/480-780 0.65A(400V)/0.6A(500V) 3.9 x 2.6 x 4.9 1.7 84.95 77.95 69.95 221883 DRP-24048 🗷 † 5 48VDC @ 5.0A 240 85-264 @ 47-63/120-370 3.5A(115V)/1.8A(230V) 3.9 x 4.9 x 4.9 2.4 149.95 134.95 119.95 DRP-48048 2 1 6 480 180-264 @ 47-63/25-370 159.95 139.95 252655 48VDC @ 10A 4.0A(230V) 8.9 x 3.9 x 4.9 4.6 179.95 DRP-480S-48 🗷 301306 6 48VDC @ 10A 480 90-132/180-264* @ 47-63/254-370 11.0A(115V)/4.0A(230V) 8.9 x 3.9 x 4.9 4.6 219.95 199.95 179.95

† With Power Factor Correction Switch selectable

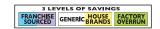
DIN Mounting Rail

248736 2094.0 ₱ Prepunched DIN mounting rail Zinc bichromate plate steel TS35 x 7.5 1 meter (39") \$6.95 \$6.25 \$5.49	Part No.	Cross Ref. No.	Description	Material	Туре	Length	1	10	100
	248736	2094.0 🗷		Zinc bichromate plate steel		1 meter (39")	\$6.95	\$6.25	

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Rackmount Power Supply

· AC Input active surge current limiting

Mfr. Part No.

SE-600-48RM

· Thermostatically controlled cooling fan

SAMLEX: • Operating temperature: 0 ~ 40°C

Built-in remote sense function

· Output waveform: sine wave

· Short-circuit, overload, overvoltage, overtemperature protection

Power

- · Forced air cooling by built-in DC fan
- Ripple & noise: 150mVp-p max.



19.5" x 5.0" x 3.5".....



\$269.95



673408



Pure-Sine-Wave DC/AC Inverters

Output (VDC @ A)

48 @ 12.5

· Output voltage: 120VAC (±3%) @ 60Hz

• Output wave form THD: < 3% · Two-year warranty

• Output connector: 3-prong AC receptacle Low battery alarm, low battery shutdown, overtemperature, overload, short-circuit, reverse polarity protection

1943570

672624

1945479

\$229.95

weart wer: • working temperature: 0 ~ 60 C • Output voltage: 110VAC @ 60HZ											
			Output	Efficiency	Input Voltage Input		Size	Weight	Prici	ng	
Part No.	Manufacturer	Mfr. Part No.	Power (W)	(%)	Range (VDC)	Connector	(L"xW"xH")	(lbs.)	1	5	
1943570	Samlex	PST-15S-12A	150	85	10.5 – 16.5	Cigarette lighter plug	8.3 x 5.8 x 2.6	2.9	\$129.95	\$109.95	
672624	Samlex	PST-30S-12A	300	85	10.5 – 16.5	Screwdown terminals	8.4 x 5.8 x 2.6	3.3	159.95	139.95	
673467	Samlex	PST-60S-12A*	600	85	10.7 – 16.5	Screwdown terminals	13.2 x 9.3 x 3.3	6.6	259.95	239.95	
1952425	Mean Well	TS-1000-112AF *	1000	88	10.5 – 15.0	Screwdown terminals	15.5 x 7.2 x 2.8	9.5	499.95	449.95	
1943545	Mean Well	TS-1500-112A ₹	1500	87	10.5 – 15.0	Screwdown terminals	16.5 x 8.7 x 3.5	7.5	699.95	629.95	
1945479	Mean Well	TN-1500-112A ≈ **	1500	87	10.5 – 15.0	Screwdown terminals	16.5 x 8.7 x 3.5	7.5	799.95	729.95	

^{*} P/Ns 673647/1952425: with built-in GECL

15 to 500-Watt Enclosed Converters

• 100% burn-in test • Working temp.: -10°C to +60°C • 2:1 wide input range SD-15 Series • Built-in EMI filter, low ripple noise • One-year warranty

SD-25/SD-50/SD-100/SD-150 Series

Derformance

Protection: short-circuit, overload and overvoltage

SD150

SD-200/350 Series · Isolation volt.: 1500VDC · Cooling by free air convection · Fixed switching freq @ 83KHz · SD-200: One-year warranty; SD-350: Two-year warranty

• Isolation voltage: 1500VDC • Built-in EMI filter, low ripple noise • One-year warranty

SD-500 Series • Isolation voltage: 2000VAC

- DC input active surge current limiting
- Wide 4:1 ~ 2:1 SC input range
- · Three-year warranty

* Web Code: UBC

Forced air cooling by built-in DC fan with fan speed control function									
Jameco			Output						
Part No.	Mfr. Part No.	Input Range	Voltage @ Current	Power	(L				
475//0	CD OF A F	0.101/	FV 0 F 04	1 05 014/	2.0				

Jameco			Output				Line Reg.	Load Reg.	Ripple & Noise			ing	
Part No.	Mfr. Part No.	Input Range	Voltage @ Current	Power	(L"xW"xH")	Pins	(±%)	(±%)	(mV p-p)	1	10	25	50
175662	SD-25A-5 ₹	9-18V	+5V @ 5.0A	25.0W	3.9x3.8x1.4	5	0.5	0.5	100	\$39.95	\$31.95	\$28.95	\$26.95
212549	SD-50A-5 ₹	9-18V	+5V @ 10A	50.0W	6.3x3.8x1.5	5	0.5	0.5	100	48.95	37.95	33.95	30.95
1953891	SD-350B-5 ₹	19-36V	+5V @ 57A	285.0W	8.5x4.5x2.0	9	0.5	1.0	100	159.95	149.95	139.95	129.95
1953807	SD-15A-12 ₹	9.2-18V	+12V @ 1.25A	15.0W	3.1x2.0x1.1	5	0.3	0.3	120	27.95	24.95	22.95	19.95
1953823	SD-15B-12 ₹	18-36V	+12V @ 1.25A	15.0W	3.1x2.0x1.1	5	0.3	0.3	120	27.95	24.95	22.95	19.95
1953840	SD-15C-12 ₹	36-72V	+12V @ 1.25A	15.0W	3.1x2.0x1.1	5	0.3	0.3	120	27.95	24.95	22.95	19.95
175805	SD-25A-12 ₹	9-18V	+12V @ 2.1A	25.2W	3.9x3.8x1.4	5	0.3	0.3	120	39.95	31.95	28.95	26.95
212531	SD-50B-12 ₹	19-36V	+12V @ 4.2A	50.4W	6.3x3.8x1.5	5	0.3	0.3	120	48.95	37.95	33.95	30.95
212506	SD-50C-12 ₹	36-72V	+12V @ 4.2A	50.4W	6.3x3.8x1.5	5	0.3	0.3	120	48.95	37.95	33.95	30.95
212469	SD-100C-12 ₹	36-72V	+12V @ 8.5A	102.0W	7.8x3.9x1.5	7	0.3	0.3	120	67.95	62.95	55.95	47.95
217270	SD-150B-12 ₹	19-36V	+12V @12.5A	150.0W	7.8x4.3x2.0	7	0.5	0.5	120	89.95	79.95	69.95	59.95
1953903	SD-200B-12 ₹	19-36V	+12V @ 16.7A	200.4W	8.5x4.5x2.0	9	0.5	1.0	100	149.95	139.95	129.95	119.95
1953920	SD-200C-12 ₹	36-72V	+12V @ 16.7A	200.4W	8.5x4.5x2.0	9	0.5	1.0	120	149.95	139.95	129.95	119.95
1953760	SD-200D-12 ₹	72-144V	+12V @ 16.7A	200.4W	8.5x4.5x2.0	9	0.5	1.0	120	149.95	139.95	129.95	119.95
1953962	SD-350B-12 ₹	19-36V	+12V @ 27.5A	330.0W	8.5x4.5x2.0	9	0.3	1.0	120	159.95	149.95	139.95	129.95
1953997	SD-350C-12 ₹	36-72V	+12V @ 27.5A	330.0W	8.5x4.5x2.0	9	0.3	1.0	120	159.95	149.95	139.95	129.95
1954050	SD-500H-12 ₹	72-144V	+12V @ 40A	480.0W	8.5x4.5x2.0	7	0.5	0.5	150	199.95	184.95	163.95	156.95
1954033	SD-500L-12 ₹	19-72V	+12V @ 40A	480.0W	8.5x4.5x2.0	7	0.5	0.5	150	199.95	184.95	163.95	156.95
175813	SD-25A-24 ₹	9-18V	+24V @ 1.1A	26.4W	3.9x3.8x1.4	5	0.2	0.2	150	39.95	31.95	28.95	26.95
212514	SD-50B-24 ₹	19-36V	+24V @ 2.1A	50.4W	6.3x3.8x1.5	5	0.2	0.2	150	48.95	37.95	33.95	30.95
1953954	SD-200B-24 ₹	19-36V	+24V @ 8.4A	201.6W	8.5x4.5x2.0	9	0.5	1.0	150	149.95	139.95	129.95	119.95
1953971	SD-350B-24 ₹	19-36V	+24V @ 14.6A	350.4W	8.5x4.5x2.0	9	0.2	1.0	150	159.95	149.95	139.95	129.95
1953743	SD-200C-24 ₹	36-72V	+24V @ 8.4A	201.6W	8.5x4.5x2.0	9	0.5	1.0	150	149.95	139.95	129.95	119.95
1954009	SD-350C-24 ₹	36-72V	+24V @ 14.6A	350.4W	8.5x4.5x2.0	9	0.2	1.0	150	149.95	139.95	129.95	119.95

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Build a dual adjustable power supply for your circuits.

Adjustable positive/negative supplies

Adjustable positive/negative 304F. ±5 to ±15VDC, 175mA-750mA per supply - 120VAC input • 48-piece kit LED on indicator

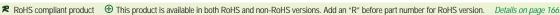
 PC board construction · Difficulty level: intermediate

Part No. Cross Ref. No. **Dimensions** 5.1"L x 3.5"W x 2.0"H 2.1 \$27.95 20626

\$26.55

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^{**} Mean Well P/N 1945479: solar panel input w/ UPS function



PDL02 Series

· External on/off control

· 1000VDC I/O isolation

SIP package

Encapsulated DC-to-DC Converters



Continuous



• 2:1 wide input voltage range

· Short-circuit/overload protection

SCW03, DCW03, SLW05, SCW05, DCW05, SCW08, DCW08, SKE10,

Encapsulated DC-to-DC Converters

· UL94V-0 case potting material

· Cooling by free air convection

· Fixed switching frequency

Fixed switching frequency

· Two-year warranty

* Web Code: NAX

















· Shield metal case • 2:1 wide input range

DKE10, SKA15, DKA15, SKE15 & DKE15 Series

- FKC08, FEC15, FED20, FEC30 & FEC40 Series
- · 2:1 & 4:1 wide input voltage range (depending on model)
- · Short-circuit/overload protection SCW12 & DCW12 Series

• 1600VDC isolation · Built-in EMI filter

One-year warranty

· Standard DIP package (24-pin)

· Five sided shielded metal case Two-year warranty

· Two-year warranty

- 2:1 wide input voltage range 1500VDC I/O isolation
- · Short-circuit/overload protection

1000VDC I/O isolation

· Remote on/off control

- DKA30, SDM30 & TKA30 Series • 2:1 wide input range
- · Cooling by free air convection

· Built-in remote on/off control

•	Short-circuit/overload	protection

 Six sided shielded metal case · One-year warranty

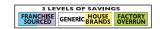
Remote	on/on control	JIIOI E-CII C	Juli/Overio	ad protection • Six Side	u siliciuc	d metal case	- 01		warrar			TKA3U		
Jameco			Input	Output		Size Inches		Line Reg.	Load Reg.	Ripple & Noise		Pric	ing	
Part No.	Manufacturer	Mfr. Part No.	Range	Voltage @ Current	Power	(L"xW"xH")	Pins	(±%)	(±%)	(mV p-p)	1	10	25	50
					Single O	utput								
1943748	Power Mate	PDL02-05S3P3	4.5-9V	+3.3V @ 500mA		0.86x0.36x0.44	7	0.5	0.85	50	\$19.95	\$17.95	\$15.95	\$14.49
220354	Mean Well₹	SLW05A-033	9-18V	I I +3.3V @ 1500mA	5W	2.0x1.0x0.44	5	0.2	0.5	100	24.95	22.49	19.95	17.95
1943799	Power Mate	FKC08-12S3P3	9-18V	+3.3V @ 2000mA	8W	1.25x0.8x0.4	9	0.2	0.5	50	37.95	33.95	29.95	26.95
1944071	Power Mate	FEC15-24S3P3	18-36V	+3.3V @ 4000mA	15W	2.0x1.0x0.4	6	0.5	0.5	50	44.95	41.95	39.95	37.95
216937	Mean Well ₹	SLW05B-05	18-36V	+5V @ 100mA	5W	2.0x1.0x0.44	5	1.0	0.2	100	22.95	19.95	17.95	15.95
1943772	Power Mate	PDL02-12S05	9-18V	+5V @ 400mA	2W	0.86x0.36x0.44	7	0.5	0.75	50	19.95	17.95	15.95	14.49
213269	Mean Well ₹	SCW03A-05	9-18V	+5V @ 600mA	3W	1.25x0.8x0.48	10	1.0	0.5	100	19.95	17.95	15.95	14.49
1953292	Mean Well ₹	SCW05A-05	9-18V	+5V @ 1000mA	5W	1.25x0.8x0.48	8	0.5	0.5	50	19.95	17.95	15.95	14.49
216929	Mean Well ₹	SLW05A-05	9-18V	+5V @ 1000mA	5W	2.0x1.0x0.44	5	1.0	0.2	100	24.95	22.49	19.95	17.95
1953313	Mean Well ₹	SCW05B-05	18-36V	+5V @ 1000mA	5W	1.25x0.8x0.48	8	0.5	0.5	50	19.95	17.95	15.95	14.49
213234	Mean Well ₹	SLW05C-05	36-72V	+5V @ 1000mA	5W	2.0x1.0x0.44	5	1.0	0.2	100	24.95	22.49	19.95	17.95
216962	Mean Well ₹	SKE10A-05	9-18V	+5V @ 2000mA	10W	2.0x1.0x0.44	5	0.3	1.0	50	32.95	28.95	25.95	22.95
216953	Mean Well ₹	SKE10B-05	18-36V	+5V @ 2000mA	10W	2.0x1.0x0.44	5	0.3	0.5	50	32.95	28.95	25.95	22.95
216945	Mean Well ₹	SKE10C-05	36-72V	+5V @ 2000mA	10W	2.0x1.0x0.44	5	0.3	1.0	50	32.95	28.95	25.95	22.95
1953428	Mean Well ₹	SCW12A-05	9-18V	+5V @ 2400mA	12W	1.25x0.8x0.48	9	0.5	0.5	50	37.95	33.95	29.95	26.95
1953461	Mean Well ₹	SCW12C-05	36-72V	+5V @ 2400mA	12W	1.25x0.8x0.48	9	0.5	0.5	50	37.95	33.95	29.95	26.95
155716	Mean Well ₹	SKE15A-05	9-18V	+5V @ 3000mA	15W	2.0x2.0x0.43	5	0.3	0.5	50	32.95	30.95	27.95	24.95
213277	Mean Well₹	SKE15B-05	18-36V	+5V @ 3000mA	15W	2.0x2.0x0.43	5	0.3	0.5	50	32.95	30.95	27.95	24.95
1944100	Power Mate	FED20-24S05	18-36V	+5V @ 4000mA	20W	2.0x1.0x0.4	6	0.2	0.5	75	59.95	53.95	48.95	43.95
1945516	Power Mate	FEC30-24S05W	10-40V	+5V @ 6000mA	30W	2.0x1.6x0.4	7	0.5	0.5	75	79.95	75.95	71.95	67.95
1945541	Power Mate	FEC40-24S05W	9-36V	+5V @ 8000mA	40W	2.0x2.0x0.4	9	0.2	0.5	50	79.95	75.95	71.95	67.95
216911	Mean Well ₹	SLW05B-12	18-36V	+12V @ 417mA	5W	2.0x1.0x0.44	5	1.0	0.2	100	24.95	22.49	19.95	17.95
1953348	Mean Well ₹	SCW05C-12	36-72V	+12V @ 470mA	5.6W	1.25x0.8x0.48	8	0.5	0.5	60	19.95	17.95	15.95	14.49
1953495	Mean Well ₹	SCW08A-12	9-18V	+12V @ 670mA	8W	1.25x0.8x0.48	8	0.5	0.5	60	24.95	22.49	19.95	17.95
1943844	Power Mate	FKC08-24S12W	9-36V	+12V @ 666mA	8W	1.25x0.8x0.4	9	0.2	0.5	50	39.95	35.95	31.95	28.95
1953516	Mean Well ₹	SCW08B-12	18-36V	+12V @ 670mA	8W	1.25x0.8x0.48	8	0.5	0.5	60	24.95	22.49	19.95	17.95
1953541	Mean Well ₹	SCW08C-12	36-72V	+12V @ 670mA	8W	1.25x0.8x0.48	8	0.5	0.5	60	24.95	22.49	19.95	17.95
217024	Mean Well ₹	SKE10B-12	18-36V	+12V @ 840mA	10W	2.0x1.0x0.44	5	0.3	0.5	60	34.95	31.49	27.95	24.95
1953452	Mean Well ₹	SCW12B-12	18-36V	+12V @ 1000mA	12W	1.25x0.8x0.48	9	0.5	0.5	60	34.95	31.49	27.95	24.95
1953479	Mean Well ₹	SCW12C-12	36-72V	+12V @ 1000mA	12W	1.25x0.8x0.48	9	0.5	0.5	60	34.95	31.49	27.95	24.95
1953161	Mean Well₹	SKA15A-12	9-18V	+12V @ 1250mA	15W	2.0x1.0x0.44	5	0.2	0.5	60	32.95	30.95	27.95	24.95
155708	Mean Well ₹	SKE15A-12	9-18V	+12V @ 1250mA	15W	2.0x2.0x0.43	5	0.3	0.5	60	32.95	30.95	27.95	24.95
213285	Mean Well ₹	SKE15B-12	18-36V	+12V @ 1250mA	15W	2.0x2.0x0.43	5	0.3	0.5	60	32.95	30.95	27.95	24.95
1953170	Mean Well₹	SKA15B-12	18-36V	+12V @ 1250mA	15W	2.0x1.0x0.44	5	0.2	0.5	60	32.95	30.95	27.95	24.95
1953196	Mean Well ₹	SKA15C-12	36-72V	+12V @ 1250mA	15W	2.0x1.0x0.44	5	0.2	0.5	60	32.95	30.95	27.95	24.95
1944302	Power Mate	FED20-24S12	18-36V	+12V @ 1670mA	20W	2.0x1.0x0.4	6	0.2	0.5	75	59.95	53.95	48.95	43.95
1945524	Power Mate	FEC30-24S12W	10-40V	+12V @ 2500mA	30W	2.0x1.6x0.4	7	0.5	0.5	100	79.95	75.95	71.95	67.95
217243	Mean Well	SDM30-24S12		+12V @ 2500mA	30W	2.0x1.8x0.62	8	1.0	1.0	100	29.95	26.95	_	_
1953153	Mean Well₹	SKA15A-05		+12V @ 3000mA	15W	2.0x1.0x0.44	5	0.2	0.5	50	34.95	31.49	27.95	24.95
1954172	Mean Well ₹	SKA15B-05		+12V @ 3000mA	15W	2.0x1.0x0.44	5	0.2	0.5	50	34.95	31.49	27.95	24.95
216882	Mean Well ₹	SLW05A-15	9-18V	+15V @ 333mA	5W	2.0x1.0x0.44	5	1.0	0.2	100	24.95	22.49	19.95	17.95
1945559	Power Mate ?	FEC40-24S15		+15V @ 2660mA	40W	2.0x2.0x0.4	9	0.5	0.5	75	79.95	75.95	71.95	67.95
155695	Mean Well ₹	SKE15A-24	9-18V	+24V @ 625mA	15W	2.0x2.0x0.43	5	0.3	0.5	80	37.95	33.95	29.95	26.95

Encapsulated Converters continued on next page

* For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



Encapsulated DC-to-DC Converters



		o-DC	Converters (Continued)				Specs & photos on previous page			* Web Code: NAX					
lamasa			Immust	Output		Size		Line	Load	Ripple		Pricir	ıa	,	
Jameco Part No.	Manufacturer	Mfr. Part No.	Input Range	Voltage@Current	Power		Pins	Reg. (±%)	Reg. (±%)	& Noise (mV p-p)	1	10	25	50	
				D	ual Ou	tput									
1953233	Mean Well₹	DCW05A-05	9-18V	+5V@500mA; -5V@500mA	5W	1.25x0.8x0.48	8	0.5	0.5	50	\$19.95	\$17.95	\$15.95	\$14.49	
1953268	Mean Well ?	DCW05B-05	18-36V	i +5V@500mA; -5V@500mA	5W	1.25x0.8x0.48	8	0.5	0.5	50	19.95	17.95	15.95	14.49	
1953284	Mean Well ₹	DCW05C-05	36-72V	+5V@500mA; -5V@500mA	5W	1.25x0.8x0.48	8	0.5	0.5	50	19.95	17.95	15.95	14.49	
155919	Mean Well ₹	DCW03A-05	9-18V	+5V@300mA; -5V@300mA	3W	1.25x0.8x0.48	10	1.0	0.5	100	19.95	17.95	15.95	14.49	
217032	Mean Well ₹	DKE10A-05	9-18V	+5V@1000mA; -5V@1000mA	10W	2.0x1.0x0.44	5	0.3	0.5	50	34.95	31.49	27.95	24.95	
1954421	Mean Well₹	DCW12A-05	9-18V	+5V@1200mA; -5V@1200mA	12W	1.25x0.8x0.48	9	0.5	0.5	50	37.95	33.95	29.95	26.95	
1954076	Mean Well₹	DCW12C-05	36-72V	+5V@1200mA; -5V@1200mA	12W	1.25x0.8x0.48	9	0.5	0.5	50	37.95	33.95	29.95	26.95	
1953065	Mean Well ₹	DKA15A-05	9-18V	+5V@1500mA; -5V@1500mA	15W	2.0x1.0x0.44	5	0.2	0.5	50	32.95	30.95	27.95	24.95	
1953129	Mean Well ₹	DKA30A-05	9-18V	+5V@2500mA; -5V@2500mA	25W	2.0x2.0x0.82	8	0.5	0.5	100	44.95	39.95	35.95	31.95	
1954121	Mean Well₹	DKA30C-05	36-72V	+5V@2500mA; -5V@2500mA	25W	2.0x2.0x0.82	8	0.5	0.5	100	44.95	39.95	35.95	31.95	
1953081	Mean Well₹	DKA15B-05	18-36V	+5V@3000mA; -5V@1500mA	15W	2.0x1.0x0.44	5	0.2	0.5	50	32.95	30.95	27.95	24.95	
161702	Mean Well ₹	DCW03A-12	9-18V	+12V@125mA; -12V@125mA	3W	1.25x0.8x0.48	10	1.0	0.5	100	19.95	17.95	15.95	14.49	
1953250	Mean Well₹	DCW05B-12	18-36V	+12V@230mA; -12V@230mA	5.5W	1.25x0.8x0.48	8	0.5	0.5	60	24.95	22.49	19.95	17.95	
1953276	Mean Well₹	DCW05C-12	36-72V	+12V@230mA; -12V@230mA	5.5W	1.25x0.8x0.48	8	0.5	0.5	60	24.95	22.49	19.95	17.95	
1953241	Mean Well₹	DCW05A-12	9-18V	+12V@230mA; -12V@230mA	5.5W	1.25x0.8x0.48	8	0.5	0.5	60	24.95	22.49	19.95	17.95	
1953356	Mean Well₹	DCW08A-12	9-18V	+12V@335mA; -12V@335mA	8W	1.25x0.8x0.48	8	0.5	0.5	60	29.95	26.95	23.95	20.95	
1953372	Mean Well₹	DCW08B-12	18-36V	+12V@335mA; -12V@335mA	8W	1.25x0.8x0.48	8	0.5	0.5	60	29.95	26.95	23.95	20.95	
1953399	Mean Well₹	DCW08C-12	36-72V	+12V@335mA; -12V@335mA	8W	1.25x0.8x0.48	8	0.5	0.5	60	29.95	26.95	23.95	20.95	
217092	Mean Well ₹	DKE10A-12	9-18V	+12V@420mA; -12V@420mA	10W	2.0x1.0x0.44	5	0.3	0.5	60	34.95	31.49	27.95	24.95	
1952994	Mean Well₹	DCW12A-12	9-18V	+12V@500mA; -12V@500mA	12W	1.25x0.8x0.48	9	0.5	0.5	60	34.95	31.49	27.95	24.95	
1953022	Mean Well₹	DCW12B-12	18-36V	+12V@500mA; -12V@500mA	12W	1.25x0.8x0.48	9	0.5	0.5	60	34.95	31.49	27.95	24.95	
1953049	Mean Well₹	DCW12C-12	36-72V	+12V@500mA; -12V@500mA	12W	1.25x0.8x0.48	9	0.5	0.5	60	34.95	31.49	27.95	24.95	
1953073	Mean Well ₹	DKA15A-12	9-18V	+12V@625mA; -12V@625mA	15W	2.0x1.0x0.44	5	0.2	0.5	60	34.95	31.49	27.95	24.95	
1953090	Mean Well₹	DKA15B-12	18-36V	+12V@625mA; -12V@625mA	15W	2.0x1.0x0.44	5	0.2	0.5	60	34.95	31.49	27.95	24.95	
1953102	Mean Well₹	DKA15C-12	36-72V	+12V@625mA; -12V@625mA	15W	2.0x1.0x0.44	5	0.2	0.5	60	34.95	31.49	27.95	24.95	
1953364	Mean Well₹	DCW08A-15	9-18V	+15V@267mA; -12V@267mA	8W	1.25x0.8x0.48	8	0.5	0.5	60	29.95	26.95	23.95	20.95	
1953381	Mean Well ₹	DCW08B-15	18-36V	+15V@267mA; -12V@267mA	8W	1.25x0.8x0.48	8	0.5	0.5	60	29.95	26.95	23.95	20.95	
217112	Mean Well ₹	DKE10A-15	9-18V	+15V@333mA; -15V@333mA	10W	2.0x1.0x0.44	5	0.3	0.5	60	34.95	31.49	27.95	24.95	
217075	Mean Well ₹	DKE10B-15	18-36V	+15V@333mA; -15V@333mA	10W	2.0x1.0x0.44	5	0.3	0.5	60	34.95	31.49	27.95	24.95	
1953111	Mean Well₹	DKA15C-15	36-72V	+15V@500mA; -15V@500mA	15W	2.0x1.0x0.44	5	0.2	0.5	60	34.95	31.49	27.95	24.95	
1954130	Mean Well₹	DKA30A-15	9-18V	+15V@1000mA; -15V@1000mA	30W	2.0x2.0x0.82	8	0.5	0.5	100	49.95	44.95	40.95	36.95	
213293	Mean Well ≉	DKE15A-24	9-18V	+24V@313mA; -24V@313mA	15W	2.0x2.0x0.43	5	0.3	0.5	80	34.95	31.49	27.95	24.95	
				Tr	iple Ou	ıtput									
1953217	Mean Well	TKA30B-B	18-36V	+5V@310mA; ±12V@310mA	25W	2.0x2.0x0.82	8	5.0	5.0	100	\$44.95	\$39.95	\$35.95	31.95	
217681	Mean Well	TKA30C-B	36-72V	+5V@3500mA; ±12V@310mA	25W	2.0x2.0x0.82	8	0.2	0.2	100	39.95	35.95	32.95	29.95	
217728	Mean Well	TKA30B-C	18-36V	+5V@3500mA; ±15V@250mA	25W	2.0x2.0x0.82	8	0.2	0.2	100	59.95	53.95	48.95	43.95	

Unregulated Encapsulated Converters

Voltage@Current

SRS-0505**≈** ¦+5V @ 100mA

SPR01L-12# +12V @ 84mA

- Input range: 4.5-5.5V
- Ripple & noise: 100mV p-p
- Input filter: capacitor type
- Line & load regulation: ±1.0%
- Working temp.: -15°C to +60°C

Mfr. Part No.

· Isolation voltage: 1500VDC

CXA10/CXA20: 4:1 input voltage range

- 1000VDC isolation
- 100% burn-in test
- · Protection: short-circuit

1W 1.77 x .28 x .40

	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			T	
No	external	comp	onents	needed	21683
\cap n	o voar w	arrant	V .		

· One	-year warrar	ıty		*Web Code: SBH					
	Size			Pricing					
Power	(L"xW"xH")	Pins		1	25	5			
0.5\//	00 × 30 × 33	ρ	\$0	05	¢0 05	¢7 05			

10-Amp Point-Of-Load Converters

SIL10E Series, Single Output

- · Planar magnetics technology
- Working temperature: -40°C to 100°C
- Protection: thermal & short-circuit 11-pin

 Highest power density: 107W/in³
 Very high MTBF 96% efficiency at 3.3V Remote sense

Ittorriot	.0 301130	7070 chickeney at 3.3 v							
Part No.	Input Range	Voltage @ Current	Power	1	10				
219133	3.0-5.5V	2.5V @ 10A	25W	\$24.95	\$21.95				
219117	4.5-5.5V	0.8-3.6V @ 10A	33W	29.95	24.95				

ARTES

Part No.

216831

Isolated Open-Frame DC-to-DC Converters

7.95

 Industry standard footprint • 100% burn-in test CXE15/CXA20/EXQ60: No minimum load

8.95

· Remote ON/OFF

Two	year warranty	
,		

NEW

Jameco			Output		Size		Line Reg.				Pricing	
Part No.	Product No.	Input Range	Voltage@Current	Power	(L"xW"xH")	Pins	(±%)	(±%)	(mV p-p)	1	10	25
219070	CXE15-48S1V8	33-75V	+1.8V@6000mA	10.8W	2.0x1.0x0.35	6	0.3	2.0	40	\$29.95	\$26.95	\$23.95
219088	CXE15-48S2V5	33-75V	+2.5V@6000mA	15W	2.0x1.0x0.35	6	0.3	1.5	40	29.95	26.95	23.95
219037	CXA10-48S3V3	18-75V	+3.3V@2400mA	7.9W	2.0x1.0x0.54	6	0.1	0.2	30	29.95	26.95	23.95
219053	CXE15-48S3V3	33-75V	+3.3V@4500mA	15W	2.0x1.0x0.35	6	0.1	0.5	70	29.95	26.95	23.95
219109	CXA20-48S3V3	18-75V	+3.3V@6000mA	19.8W	2.0x1.6x0.41	8	0.1	0.2	75	34.95	31.49	28.95
218894	EXQ60-48D3V3-2V5-R	33-75V	+2.5V@16A; +3.3V@12A	40W	2.3x1.5x0.50	7	_	_	60	79.95	74.95	69.95
218907	EXQ60-48D05-3V3-R	33-75V	+3.3V@15A; +5V@12A	60W	2.3x1.5x0.50	7	_	_	60	79.95	74.95	69.95

ROHS compliant product 🕀 This product is available in both ROHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.



219117

* Web Code: YBJ

Battery Holders, Packs & Lead Acid Batteries

★ Web Code: UAB

JAMECO ReliaPro

Battery Holders

Eliminate battery mounting problems in portable DC power applications and products. These holders are made from special materials that maintain retention properties longer than conventional holders. They can come with leads, or attached to battery holders.

**Order in multiples of 10

Part No.	Cross Ref. No.	●Mfr.	Fig.	No. of Cells	Connector	Sides	Features	1	10	100	500
216283	BH-421-1A 🗷	JRP	3	2-AAA	Wires	Single		\$.59	\$.55	\$.49	\$.39
216303	BH-431-1A	JRP	5	3-AAA	Wires	Single		.89	.79	.72	.59
216339	SBH-441-AS ₹	JRP	10	4-AAA	Wires	Single	w/ cover & switch	1.45	1.29	1.19	.89
216072	BH-311-2A ₹	JRP	1	1-AA	Wires	Single	aluminum	1.05	.95	.85	.75
643954	139	KEY	2	1-AA	Tabs	Single		.75	.69	.59	.55
216081	BH-321-2A ₹	JRP	3	2-AA	Wires	Single		.75	.69	.59	.55
216099	BH-321-4A ₹	JRP	3	2-AA	Wires	Single	w/ mounting tabs	.99	.89	.79	.65
216102	SBH-321-2A ₹	JRP	4	2-AA	Wires	Single	w/ cover, no switch	.75	.69	.59	.55
216120	SBH-321-1AS ₹	JRP	4	2-AA	Wires	Single	w/ cover & switch	.89	.79	.72	.65
216136	BH-331-A ₹	JRP	5	3-AA	Wires	Single		.85	.77	.69	.62
216144	SBH-331-AS ₹	JRP	6	3-AA	Wires	Single	w/ cover & switch	.79	.69	.65	.59
216152	BH-341-2A ₹	JRP	7	4-AA	Wires	Single		1.15	1.05	.95	.85
105858	BH-PC§ ₹	JRP	8	4-AA	Wires	Single	Wires w/ connector	.95	.85	.79	.64
216179	BH-343-1A ₹	JRP	9	4-AA	Wires	Dual		.75	.69	.59	.55
216187	SBH-341-1AS ₹	JRP	10	4-AA	Wires	Single	w/ cover & switch	1.05	.95	.85	.75
216223	BH-364-A	JRP	11	6-AA	Wires	Single		.85	.77	.69	.62
216232	BH-363-B ₹	JRP	12	6-AA	Snaps	Dual		1.09	.99	.89	.69
216240	BH-383-A	JRP	13	8-AA	Wires	Dual		1.09	.99	.89	.69
216267	BH-383-B ₹	JRP	13	8-AA	Snaps	Dual		1.19	1.09	.99	.79
216259	BH-382-B ₹	JRP	14	8-AA	Snaps	Dual		1.35	1.19	1.09	.79
216363	BH-242-1A 🕿	JRP	15	4-C	Wires	Single		1.09	.99	.89	.69
216371	BH-111-1A	JRP	1	1-D	Wires	Single		.69	.65	.59	.49
216390	BH-121-1A ₹	JRP	3	2-D	Wires	Single		1.19	1.09	.95	.79
216401	BH-142-A ₹	JRP	15	4-D	Wires	Single		1.35	1.19	1.09	.89
216427	BH-9V-A ₹	JRP	16	1-9V	Wires	Single		.75	.69	.59	.55
11280	A104-R 🗷	JRP	19	1-9V	Wires	Single	3"L, 26AWG, snaps	.39	.35	.29	.25
105794	GBH-1009-R ₹	JRP	20	1-9V	Wires	Single	Metal holder	.35	.32	.29	.25
1949488	BAT-SNAP-4	+	21	1-9V	Wires	Single	4"L, 26AWG, snaps	*	.17	.14	.10
109154	BC6-R ₹	JRP	21	1-9V	Wires	Single	6"L, 26AWG, snaps	.29	.26	.23	.19
216452	SBS-IR-1-R ₹	JRP	22	1-9V	Wires	Single	6"L, 26AWG, snaps	.35	.32	.29	.25
101470	A102-R ₹	JRP	21	1-9V	Wires	Single	10"L, 26AWG, snaps	.35	.32	.29	.25
236996	103	KEY	17	1-CR2032	PC mount	Coin cell		1.65	1.49	1.35	1.19
355434	17002-00603	JRP	18	1-CR2032	PC mount	Coin cell		.79	.69	.65	.59
38543	2S2325	JRP	17	1-CR2354 or 2- CR2325	PC mount	Coin cell		.89	.79	.72	.59



§ Battery holder used in many personal computers

JAMECO ReliaPro

Part No.	Fig.	Volt	Cell	Size (L x Dia.)	Туре	mAh	Connection	1	10	25
298724	1	4.8	SC Single	1.65" x 0.86" (41.1mm x 21.8mm)	NiCd	2200	Solder tab	\$13.65	\$12.29	\$11.39
299680	2	6.0	D Single	2.36" x 1.26" (59.9mm x 32.0mm)	NiCd	5000	Lead wire	46.95	42.25	37.95
299461	3	9.6	SC Single	1.65" x 0.86" (41.1mm x 21.8mm)	NiCd	2200	Lead wire	29.95	26.95	24.25



Fig. 19

Fig. 20

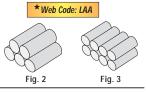


Fig. 21

Lead Acid Batteries

- Use with UPS Backup Systems, Security Fire Alarms, Wheel Chairs, Scooters
- Sealed UL approved
- Rechargeable
- Two-year warranty







264031









Fig. 22

		Nominal		Cross Reference			Size		Pric	ing		
Part No.	Mfr. Part No.	Voltage	Amp-Hrs.	Panasonic	YUASA	Eagle Picher	Tempest	Terminal Size	(L" x W" x H")	Wt. (lbs.)	1	10
138692	K9120-REVC	6	1.3	Honey Well	_	_	_	Quick connect 0.187"	2.07 x 1.0 x 3.84	0.6625	\$6.95	\$5.95
264014	TY-6-4.5	6	4.5	LCR6VP	NP4-6	CF16V4	TR-4-6	Quick connect 0.187"	2.8 x 1.9 x 4.0	1.9	11.95	10.75
317024	LA-TY-6-12	6	12.0	<u> </u>	_	_	_	Quick connect 0.187"	5.9 x 1.9 x 3.7	4.6	20.45	18.45
318844	LA-TY-12-1.2	12	1.2	_	_	_	_	Quick connect 0.187"	3.8 x 1.7 x 2.1	1.3	15.19	13.69
264031	TY-12-2.3	12	2.3	LCR12V2.2P	NP2.3-12	CF12V1.5	TR2.3-12	Quick connect 0.187"	7.0 x 1.3 x 2.4	2.1	21.95	19.75
318924	LA-TY-12-3.2	12	3.2	i –	_	_	_	Quick connect 0.187"	5.3 x 2.7 x 2.4	3.1	22.95	20.65
264057	TY-12-7.5	12	7.5	LCR12V7.2BP	NP712	CFM12V65	TR7.5-12	Quick connect 0.187"	5.9 x 2.6 x 3.7	5.6	22.95	20.65
264065	TY-12-12	12	12.0	PS12120	_	CFM12V12	TR12-12	Quick connect 0.187"	5.9 x 3.9 x 3.9	9.0	37.25	33.55
264073	TY-12-18	12	18.0	LCR12V17BP	NPG18-12	CF12V18	TR18-12	Quick connect 0.472"	7.1 x 3.0 x 6.6	13.3	47.95	43.19
318852	I A-TY-12-35	. 12	35.0	! –	_	_	_	Nut & bolt	7.6 x 5.1 x 6.3	27.6	74.95	67.45

Rechargeable Battery Packs

* JRP = Jameco ReliaPro | KEY = Keystone | ◆ Manufacturer Varies

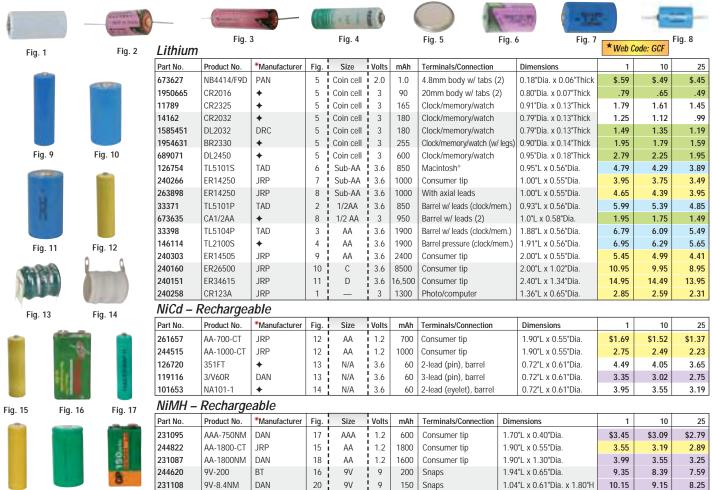
*For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above



Lithium, NiCd & NiMH Batteries

Save 10% or more on most batteries!

Applications: personal computers, workstations, test equipment, feature telephones, copiers, fax machines, video scramblers/descramblers and remotes.



DANTONA

Fig. 19

Fig. 18

NiCd/NiMH Charger

Universal battery charger for AAA, AA, C, D and "9V" cells (batteries not included).

*Web Code: PBF

DAN

19

D

- Recharge batteries singly or as a group Built-in IC timer control
- Automatic charging current selection for different sizes of batteries
- · Fast charging in the specified period with an automatic switch for trickle charge

Part No.	Mfr. Part No.	1	10	25
231132	CHG-6P	\$19.95	\$17.95	\$16.15

Automatic Lead Acid Battery Charger

D-900NM

- · Safely charge and maintain lead acid batteries · Safe for gel cell batteries without supervision
- Multi-stage charging circuit prevents batteries from overcharging · Extends battery life
- · High frequency MOSFET switching design
- Input voltage: 98 to 132VAC @ 50/60Hz
- · Short-circuit, overload, and reverse polarity protection
- Output voltage: 13.5VDC @ 15A
- · Analog amp meter · Output banks: 3

Part No.	Mfr. Part No.	Size (L" x W" x H")	Wt. (lbs.)	1	10	25
673416	SEC-1215A	8.5 x 8.4 x 3.3	4.8	. \$145.95	\$131.95	\$117.95
673424	SEC-1230A	10.8 x 8.4 x 3.3	6.4	209.95	204.75	199.95

300, 360 & 1000-Watt Single Output Lead Acid Battery Charger

2.30"L x 1.30"Dia

- Input: 115VAC/230VAC @ 47-64Hz (switch-selectable) 1952409/1952417/1954332/1954341/1954359:
- with built-in passive PFC function
- Overload, short circuit, reverse polarity, over voltage, over temperature protection
- 1952409/1954893: Cooling by free-air convection; 1952417/1954308: Fan on/off control (depending on charging current)
- Charger for lead acid batteries
- 1952409/1954893/1952417/1954308

Consumer tip

- Size: 9.3"L x 5.3"W x 1.9"H
- 1954332/1954341/1954359
- Size: 1
- · Weight: 3.3 lbs.

* Web Code: ABC

13.15

	1.8"L x 7.2"W x 2.8"H	Weight: 7.7 lbs
--	-----------------------	-----------------------------------

		i	Boost	Float	Recommended		
		:	Charge	Charge	Battery Capacity	Pric	ing
Part No.	Mfr. Part No.	Watts	Voltage	Voltage	(AMP Hours)	1	10
1952409	PB-300P-12 ₹	300	14.4	13.6	80-200	\$104.95	\$99.95
1954893	PB-300N-24 ₹	300	28.8	27.2	40-125	104.95	99.95
1952417	PB-360P-12 ₹	360	14.4	16.6	80-200	109.95	104.45
1954308	PB-360N-12 ₹	360	14.4	13.6	80-200	109.95	104.45
1954332	PB-1000-12 ₹	1000	14.4	13.8	200-600	399.95	359.95
1954341	PB-1000-24 ₹	1000	28.8	27.6	120-350	399.95	359.95
1954359	PB-1000-48	1000	57.6	55.2	60-175	399.95	359.95

BT = Bao Tong DAN = Dantona DRC = Duracell JRP = Jameco ReliaPro | PAN = Panasonic TAD = Tadiran ♦ Manufacturer Varies

673416

This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version.





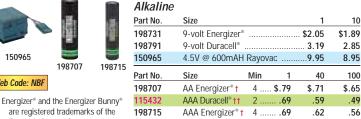
Energizer®, Duracell® & Rayovac® Alkaline Batteries



* Web Code: NBF







Silver Oxide and Zinc Chloride Batteries

Applications: personal computers, workstations, test equipment, feature telephones, copiers, fax machines, video scramblers/ descramblers and remotes.





Part No.	Cross Ref.	Description 1	10
140783	357	Silver oxide, button \$1.55	\$1.39
151095	GF6F22	Zinc chloride, 9V 1.35	1.25

Panel Meters & Solar Products

1810056

* Web Code: QEM

0.6" High 3½ & 4½-Digit LCD Digital Panel Meters

are registered trademarks of the

Eveready Battery Company, Inc.









†Sold in multiples of 4 ††Sold in multiples of 2

123140

Input ranges: 200mV, 20V, 200V, 500V

Accuracy: ±0.5%

Supply voltage: 8-12VDC

(recommend 9V battery P/N 151095, pg 127)

 Autom 	* Web Cod	le: WBU		
Part No.	Cross Ref. No.	Description 1	10	25
108388	PM-428	3½ digit (no bezel, snap mount) \$13.95	\$12.49	\$10.95
175951	PM-128	3½ digit (bezel, screw mount) 14.95	13.49	11.95
146835	PM-188BL	3½ digit (with backlight display) 19.95	17.95	15.95
123140	PM-328	41/2 digit (bezel, screw mount) 29.95	26.95	23.95

Electro Magnetic Counters

* Web Code: EAP

1810064

Input impedance: >100MΩ

• Size: 2.7"W x 1.7"H

- 6 digit (.167"H)
- · Flanged face, panel mount
- 2 8" 22 AWG leads (VM1) 600V
- Reset button & reset lock
- Size: 1.86"W x 1.03"H Count up to 999,999

Part No.	Cross Ref. No.	Input Voltage	Size (L" x Lip W" x Lip H")	1	10
1810064	CNTR6-12VDC	12VDC	2.88" x 2.84" x 1.21"	\$15.95	\$14.49
1810056	CNTR6-120VAC	120VAC	2.45" x 1.83" x 0.95"	15.95	14.49

Analog Panel Meters

· Includes mounting hardware • Size: A: 2.4"W x 1.8"H x 1.3"D; B: 2.8"W x 2.4"H x 1.4"D

316507: Includes current shunt

Part No. Mfr. P/N Size 0 - 15VDC A \$9.99 \$8.99 316603 AVM6015 AVM7015 316671 0 – 15VDC B **9.99** 8.99 AVM6030 316638 0 - 30VDC A 12.75 12.09 316654 AVM7030 0 - 30VDC B 12.75 12.09 316718 AVM60150 0 - 150VAC A 10.49 0 - 300VAC A 9.99 316785 AVM60300 315301 AIM60005 $0 - 50 \mu A$ A 12.75 12.09 316523 AIM6050 0 - 50 mAA 12.75 12.09 316486 AIM60100 0 - 100mA A 12.75 316558 AIM60500 0 - 500mA A 12.75 12.09 316566 AIM60500 0 - 5AA 12.75 12.09 316582 AIM705000 0 - 5AB 12.75 316494 AIM6010A 0 - 10AA 11.95 11.49 AIM6030A 316507 0 - 30AA 13.95 13.25



* Web Code: YBQ





316523

60mm Solar Panel

Clear coat plastic
 Voltage output: 4.7VDC to 5VDC

Power output: 0.25W max. • Size: 2.36"L x 2.36"W x 0.1"thick

Material: Copper Indium Diselenide

228013

228161

Part No.	Description	1	10	25	100
1928142	Solar panel	. \$7.95	\$6.95	\$6.25	\$4.95



PowerFilm. Flexible Thin Film Solar Modules

Wireless Flectronics Series

The wireless Eletronics Series offers a new opportunity to solve the old problem with limited power for wireless electronics in portable and remote applications.

This module is lightweight, paper thin and durable.

This module is lightweight, paper tim and durable.								220013
		Operating	Operating	Size (L	(WxT)		Pricing	
Part No.	Mfr. Part No.	Voltage	Current (mA)	Inches	mm	1	10	100
227985	SP3-37	3.0	22	2.5 x 1.5 x .01	64 x 37 x 0.2	\$3.95	\$3.59	\$3.19
227993	TX3-25	3.0	25	4.5 x 1.0 x .01	114 x 25 x 0.2	2.95	2.69	2.39
171061	MP3-37	3.0	50	4.5 x 1.5 x .01	114 x 37 x 0.2	5.89	5.29	4.79
228013	MPT3.6-75	3.6	50	2.9 x 3.0 x .01	74 x 75 x 0.2	8.89	7.99	7.19
228030	SP4.2-37	4.2	22	3.3 x 1.5 x .01	84 x 37 x 0.2	5.89	5.29	4.79
228056	MPT4.8-150	4.8	100	3.7 x 5.9 x .01	94 x 150 x 0.2	23.95	21.55	19.39
228072	MPT6-150	6.0	100	4.5 x 5.9 x .01	114 x 150 x 0.2	25.95	23.35	21.05
228099	MP7.2-150	7.2	200	10 x 5.9 x .02	253 x 150 x 0.6	39.89	35.99	32.35
228110	MPT15-150	15.4	100	10 x 5.9 x .02	253 x 150 x 0.6	44.89	40.45	36.35

WeatherPro Series

The Right choice for permanent outdoor applications that are directly exposed to the elements. These modules features rugged construction, a UV-stabilized surface, an extra edge seal for weather protection, and tin-coated copper leads that extend from the module.

Operating Operating Pricing Part No Mfr. Part No. Voltage Current (mA) 100 Inches mm 10 228161 P7.2-75 \$32.35 7.2 100 10.3 x 3.9 x .04 270 x 100 x 1.1 \$39.89 \$35.95 228195 PT15-150 15.4 100 10.3 x 6.9 x .04 270 x 175 x 1.1 59.89 53.95 48.55 228208 PT15-300 15.4 10.3 x 12.8 x .04 270 x 325 x 1.1 104.89 94.45 84.95

Mini-Panel Solar Cells

Ready to Use! No Soldering Encapsulated mini-panels utilize solar cells similar to those that power our satellites in space, yet they are safe and simple to use. Mini-panels allow for handling without the normal breakage and cell damage associated with fragile solar cells. 6" red/black lead wires attached. Modules may be

connected to create different outputs. · Connection: lead Cross



215327 * Web Code: MPS

Part No.	Ref. No.	VDC @ mA	Size (L x W)	1	10
200221	SOL4	2.0 @ 200	3.0" x 3.7"	\$11.69	\$10.49
215319	4-3.0-100	3.0 @ 100	3.8" x 2.5"	14.95	13.45
215327	4-6.0-50	6.0 @ 50	3.8" x 2.5"	17.35	15.85

The Best Warranty in the Industry

All Jameco purchases are guaranteed for a full 90 days and even longer for Jameco House Brands.

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



* Web Code: HCA











ATX Power Supplies

			Power	Output	Input	Input Connector		Size	Wt.		Pricing	
Part No.	Mfr.	Mfr. Part No.	(W)	(VDC/A)	(VAC @ Hz)	(Mating Connector/Cord)	Certification	(L" x W" x H")	(lbs)	1	10	25
196189	Emacs	MPW-6150F*	150	+3.3/6, +5/10, +12/6, +5VSB/0.72, -5/0.2, -12/1	115/230 @ 50-60 switchable	3-prong AC receptacle (P/N 38050, pg 112)		7.5 x 4.0 x 1.6	2.5	\$24.95	\$22.49	\$19.95
421657	Powertronic	PK-6180DT3	200	+3.3/14, +5/22, +12/6 +5VSB/0.1, -5/0.5, -12/0.8	115/230 @ 47-63 switchable	3-prong AC receptacle (P/N 38050, pg 112)		6.0 x 5.6 x 3.5	3.3	19.95	17.95	15.95
319994	3Y Power Technology	AP-1250-1112*	250	+3.3/20, +5/25, +12/12 -5VSB/3, -5/5; -12/0.5	100-240 @ 50-60 switchable	3-prong AC receptacle (P/N 38050, pg 112)	UL/CUL/TUV/CE	7.5 x 4.0 x 1.6	2.9	19.95	17.95	15.95
427928	Seasonic	SS-300SFD Active PFC ₹	300	+3.3/20,+5/20, +12/8, +12/14.5, -12/0.8, +5VSB/2	90-264@47-63 switching	3-prong AC receptacle (P/N 38050, pg 112)	UL/CUL/TUV/CE	5.1 x 4.9 x 2.5	2.7	54.95	53.55	49.95
1810136	FSP	FSP300-601U*	300	+3.3/20; +5/25; +12/16; -5/0.3; -12/0.8; 5VSB/2	100-240 @ 50-60 switching	3-prong AC receptacle (P/N 38050, pg 112)		8.3 x 4.0 x 1.6	3.3	24.95	23.95	22.95
2077482	EMACS	APS-5300F-RV2	300	+3.3/28; +5/30; +12/10; +5/0.85; -5/1; -12/1	115-230 @ 50-60 switching	3-prong AC receptacle (P/N 38050, pg 112)		6.0 x 5.5 x 3.4	3.3	24.95	22.49	19.95
1537310	FSP	FSP-300-60ATV*★	300	+3.3/28, +5/30, +12/15, +5VSB/2, -5/0.3, -12/0.8	115/230 @ 50-60 switchable	3-prong AC receptacle (P/N 38050, pg 112)		6.0 x 5.6 x 3.5	4.0	26.95	23.95	19.95
1810144	LC Power	LC350U*	350	+3.3/16; +5/30; +12/15 -5/0.5; -12/0.8; +5VSB/2	100-240 @ 50-60 switchable	3-prong AC receptacle (P/N 38050, pg 112)		5.9 x 5.6 x 3.4	2.3	24.95	22.49	19.95
308814	Powmax	LP6100D*	400	+3.3/28, +5/30, +12/25, -5/0.3, -12/0.8, +5VSB/2	115/230 @ 60 switchable	3-prong AC receptacle w/ 6' power cord	UL/CUL/TUV/CE	5.9 x 5.6 x 3.4	3.5	49.95	44.95	39.95
673379	Seasonic	SS-401HT-F3BLB	400	+3.3/30, +5/30, +12/14, +12/25, -12/0.8, +5VSB/2	90-264@47-63 switching	3-prong AC receptacle (P/N 38050, pg 112)	UL/CUL/TUV/CE	5.9 x 5.5 x 3.4	2.7	69.95	62.95	57.95
484893	Etasis	EFRP-2463 Active PFC**	460	+3.3/28, +5/30, +12/35, -12/0.8, +5VSB/2	100-240@47-63	3-prong AC receptacle (P/N 38050, pg 112)	UL/CUL/TUV/CB	11.8 x 4.0 x 3.3	6.0	429.95	419.95	409.95
422094	Seasonic	SS-500HT Active PFC	500	+3.3/30, +5/30, +12/17, +12/16, -12/0.8, +5VSB/2	90-264@47-63	3-prong AC receptacle (P/N 38050, pg 112)	UL/CUL/TUV/CE	5.9 x 5.5 x 3.4	5.0	109.95	98.95	89.95

150 to 500-Watt PC Power Supplies

★ Pull = Extra savings

TRIPP·LITE 4, 7, 8 & 12-Outlet Surge Protectors

Isobar Premium Surge Protectors

 Up to \$50,000 Ultimate Lifetime Insurance covers Isobar and connected equipment against surge damage for life!

Diagnostic indicators on Ultra

139686 * Web Code: CAC versions alert you to improper outlet wiring,







loss of AC power, and damage to protection circuitry 4-outlet protectors: 6' cord; 8 & 12-outlet protectors: 12' cord UL 1449 and 1283 listed · Lifetime warranty

Surge suppressor fits 19" rack mount

• Size: 19001: 9.0"L x 3.5"W x 2.5"H;

18981: 5.8"L x 3.5"W x 2.5"H; 139686: 17.5"L x 4.0"W x 1.8"H

Part No.	Mfr. P/N	Joules	Description \	Vt. (lbs.)	1	10
18981	ISOBAR 4	2200	4 outlet, 2 isolated filters (6')	2.4 \$4	49.95	\$44.35
19001	ISOBAR 8U	2350	8 outlet, 4 isolated filters (12')	3.5	79.95	75.95
139686	IBAR12RM	750	12 outlet, 2 isolated filters	4.7 1 2	29.95	123.45

Super 7 Standard Surge Protector

• \$75,000 Ultimate Lifetime Insurance • Up to 42,000 amp spikes

Effective spike and noise suppression w/ diagnostic LEDs

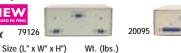
Part No. Mfr. P/N Joules Description Size (L"xW"xH") Wt. (lbs.) 124337 Super 7 2350 \$19.95 \$18.95 168954 Striker 7 outlet 11.2 x 2.1 x 1.5 14.85

Computer Switch Boxes

· 2-port switch box · 2-port to 1PC



6.0 x 4.8 x 2.5





Parallel Printer-to-PC Switch Box

Cross Ref. No.

40D1-10602

, aranoi		Omnon Don			
Part No.	Cross Ref. No.	Size (L" x W" x H")	Wt. (lbs.)	1	10
20095	40D3-17602	6.0 x 5.8 x 2.3	1.4	\$16.75	\$14.95

*Mounting Kits Available Online — Enter Web Code SDW

Connection from Part No. Sound Blaster to 10 50 127546 Sony/MPC2⊕ 25" **\$2.45** \$2.19 \$1.75

168613 Universal 2 18" 3.95

CD-ROM Audio Cable

ROHS compliant product This product is available in both ROHS and non-ROHS versions. Add an "R" before part number for ROHS version.

\$14.35 \$12.95

6 & 8-Outlet Surge Protectors

20175: 6-outlet: 4' cord

 Metal power strip Size: 12.3"L x 2.4"W x 1.3"H

216485: 6-outlet; 4' cord Heavy-duty power cord (14AWG x 3)

Size: 9.5"L x 1.7"W x 1.4"H

Clamping voltage: 400V • Max. surge volt.: 6500V

RESET/OFF switch with built-in 15A circuit breaker

2075647: 6-outlet: 6' cord

Rating: 15A/125VAC/1875W

· Clamping volt.: 330V

• Size: 13"L x 2.1"W x 2.3"H

Expands from 13" to 18" to fit bulky adapters; each segment expands seperately

2079411: 8-outlet; 6' cord

Part No.

645482

190545

308742

206244

Size: 12.5"L x 5.0"W x 1.5"H

· Lifetime warranty \$250,000 connected equipment

Heat sink w/ fan socket 370 PIII

Heat sink w/ fan socket 370 PIII

Heat sink w/ dual fan SECC II Pentium

Heat sink w/ fan, 586/133Mhz

Mfr. Part No. Product No. Spike Current (Max.) Wt. (lbs.) 10 100 20175 51W1-13206 ValuePro 4500A, 50 joules 1.5 **\$11.95** \$10.95 216485 51W1-10206 ValuePro 4500A, 150 joules 0.9 **7.95** 5.95 2075647 23.95

SS1650W-06 Ideative 144,000A, 2160 joules 1.6 28.75 25.95 2079411 F9M800 Belkin 135,000A, 2655 joules 2.8 **29.95** CPU Heat Sinks with Fan * Web Code: MBG



645482

10

10.95

8.45

20175

216485

2079411

44444

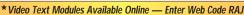
2075647

Size (H" x W" x D")

1.30 x 2.05 x 1.97

2.00 x 2.32 x 2.37

2.03 x 2.06 x 0.80





79126

See photo above

^{**}Redundant, 2U rackmount compatible



Capacity

3.2GB★

4.3GB★

2.5GB★

1.27GB★

Part No.

151036

151044

146333

Part No.

1950745

344903

Drives, Interface Cards, Keyboards & Computer Switches

Legacy 3.5" Hard Disk Drive

Color

Silver

PCI

Warranty

1 year

1 year

1 year

1 year

S"	^ Web C	ode: SAVV
	1	10
\$	35.95	\$26.95
	49.95	44.95
	29.95	26.95

27.22

124978	1.27GB★	IDE	1
*Capacity	may exceed spe	cification	★ Pull = Extra Savings

3.5" hard drive bracket ₹

3.5" Hard Drive Bracket Short

Description

EIDE/Ultra DMA33

EIDE/Ultra DMA33

EIDE/FAST ATA-2



1.44MB 3.5" Internal Floppy Disk Drives

· IBM PC/XT and higher compatibles

· Compatible with DOS versions 3.3 or higher

· Automatically determines if disk is high or low density

Size: 4.0"W x 5.9"D x 1.0"H Weight: 1.4 lbs.

J					
Part No.	Manufacturer	Product No.	Color	1	10
115490	TEAC	FD235	Beige	\$29.95	\$26.95
453683	Sony	MFB820	Black	24.95	21.95
249367	Sony	MPF920-Z	Beige	17.95	15.95
661108	Mitsumi	D359M3D	Black	14.95	12.95

* Web Code: LAQ

Interface, Graphic & Sound Cards





DB9







27.99

26.49

115490

Scriai	IIIICIIacc	varus				Web Code. Vbb	4	
Part No.	Mfr. Prod. No.	Prod No.	Bus Type	Ports	Connectors	Product Description	1	10
172006	Dolphin	99467 2	PCI	2	DB9	32-byte FIFO, 921kb/sec transfer rate, supports IRQ sharing, dual 16C650 DB9 male.	\$48.45	\$43.65
171548	Various	99468	PCI	4	DB25	32-byte FIFO, standard RS-232 interface, 921kb/sec transfer rate, supports IRQ sharing 16C550.	129.95	97.46
171661	Various	994692	PCI	8	DB25	32-byte FIFO, standard RS-232 interface, 921kb/sec transfer rate, supports IRQ sharing 16C650.	190.69	143.02

32-bit PCI bus, dual DB-9 male, Nm9835CV chipset.

Parallel	Interface	Card
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SYBA

SD-PCI-1S

171927	Dolphin	4008A ₹	PCI	1	DB25	32-byte FIFO, 2MB/sec transfer rate, supports ECP and EPP, supports IRQ sharing, DB25 female.	\$39.95	\$34.95
Netwo	rk Interfa	ce Card					★ Pull = E	xtra Savings
308769	3-COM	3C509B-TP0★	ISA	1	RJ-45	IEEE 802.3i (10Base-T) and IEEE 802.3 (10Mbps) compliant.	\$19.95	\$17.95
155221	3-COM	3CR990B-FX-97	PCI	1	FDD1	100BASE-FX Secure fiber network interface card	59.95	53.95

Video Graphics Card

364111	ATI 109-54100-00	PCI	2	HDDB15	8MB graphics accelerator, Rage LT PRO AGP chipset, 7-pin TV-out and DFB connectors, Windows® 98 and NT4.0 compatible.	\$29.95	\$24.95
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Ultra SCSI 2 Card

191513	Adaptec	AHA-2940U2B	PCI	2	68-pin F	AIC-7890AB chipset, Windows® 95/NT, Netwear, OS/2 compatible,	\$59.95	\$53.95
					Ultra II SCSI	internal/external Ultra II SCSI 68-pin connectors		
Sound	Card							

Sound (Card							
249404	Creative	CT4830	PCI	_	Multi	2-audio line-out (mini stereo 3.5mm F), 1 microphone input (mini phono 3.5mm F) 1-audio line-in (mini stereo 3.5mm F) and 1 game port (DB15F)	\$29.95	\$26.95















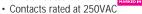
Part No.	Mfr.	Product No.	Interface	Description	* Web Code: LBU	Size (L"xW"xH")	Wt. (lbs.)	1	10	25
311183	OKI	HMB-631PUS	PS/2	84-key soft touch mini keyboard w/ track point mouse		12.6 x 6.2 x 1.0	5.0	\$34.95	\$29.95	\$24.95
211756	Glide Point	WK-540	5-pin DIN	88/89-key soft touch keyboard w/ touchpad, Windows® compatible		11.4 x 8.5 x 1.2	2.3	29.95	24.95	19.95
455603	-	KM-2501	PS/2	104-key soft touch w/ multimedia & 12 function keys.		17.5 x 6.0 x 1.2	1.8	9.95	8.95	7.95
319812	PC Concepts	iCIA	PS/2	107-key soft touch keyboard w/ programmable function keys, softw	are included	17.5 x 5.7 x 0.8	1.8	10.49	8.92	7.58
639550	IOne	Scorpius-2KB	PS/2	103-key soft touch keyboard, Windows® 98SE/2000/ME/XP compatib	le (black)	15.9 x 6.5 x 1.3	2.1	43.95	38.95	35.95
681230	NMB	RT915CTW	PS/2	104-key tactile keyboard w/ 12 function keys w/ built-in speakers		18.5 x 10.0 x 3.2	2.5	14.95	13.49	11.95
454483	Powmax	HB5103	PS/2	Black 3-in-1 internet kit 104-key optical mouse, speakers		17.1 x 6.12 x 1.0	2.24	22.95	19.95	17.95
2006422	IOne	GE-N1 ₹	USB	120-key wireless tactile keyboard (16 multimedia key) w/ 3-button m	ouse	15.9 x 5.8 x 1.1	2.7	27.45	26.99	25.99
2006431	IOne	GE-N2AM ₹	USB	120-key wireless tactile keyboard (16 multimedia key) w/ 3-button m	ouse (aluminum)	16.0 x 5.8 x 1.0	2.5	39.89	37.99	35.95
1537109	Arctic	25551	USB	18-key tactile keypad		4.3 x 3.0 x 0.5	0.2	14.95	13.49	11.95
265375	IOne	Scorpius-22RB	Serial	22-key tactile keypad w/ 2-key rollover and auto repeat function		6.2 x 4.2 x 1.3	0.8	39.95	35.95	32.49
319661	IOne	Gemini-M1	PS/2	104-key soft touch wireless keyboard w/ 12 multimedia function keys and 2-butt o	ptical mouse, batteries included	17.6 x 7.5 x 1.6	2.2	14.95	14.20	13.49
308101	Labtech	967360-0403	PS/2	104 RF keyboard and 3-button optical scroll-mouse multimedia hot-	-keys	18.0 x 8.7 x 1.6	4.5	38.45	32.68	30.31

ATX Vertical Full Tower Case

- · Slide-off side panel access · Weight: 25lbs.
- LED indicators for power and HDD activity 5 exposed 5.25" bays, 3 exposed 3.5" bays,

2 internal 3.5" bays • Internal 8Ω speaker Part No. Description Size (W x D x H) Price ATX full tower 7.5" x 16.8" x 24.5" \$29.95

PC Pushbutton Switch NEW



Alternate action double pole switch

• UL/CSA/VDE approved • Size: 0.9"L x 0.7"W x 0.9"D Part No. Description 1 10 174238 PC pushbutton 8A **\$1.95 \$1.75 \$1.25**

Replacement Switches for AT-Style Computer Cases PC Rocket Switch

- For mini-tower cases DPST
- · Contacts rated at 250VAC

• Size: 0.9"L x 1.2"W x 1.4"D UL/CSA approved

Part No. Description PC rocket ⊕ \$1.95 \$1.75 \$1.25

For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above



3 LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE OVERRUN

* Web Code: MCM





★ Web Code: NEM

1944687

1944679

1944695

11111111

Mice & Mouse Pads





Plug-and-play

\$99.95

\$89.95





Part No.	Manufacturer	Product No.	Туре	Interface	Description	Size (L" x W" x H")	1	10	25
685943	Dell	OW7751	Mech. Ball	USB	3-button with scroll; black	4.8 x 2.5 x 1.5	\$8.95	\$7.95	\$6.95
687746	Cherry	M-5000	Optical	USB-PS/2	3-button with scroll with PS/2 to USB adapter; black	4.6 x 2.6 x 1.5	19.95	17.95	14.95
305082	IOne	Libra-90	Trackball	PS/2	PS/2 trackball with USB adapter	5.6 x 4.7 x 1.9	29.95	26.95	24.95
2006650	IOne ₹	MSM9UP-BLK	Optical	USB-PS/2	3-button with scroll; black	4.5 x 2.3 x 1.5	9.75	8.95	7.95
2006668	IOne ≉	MSM9UP-WHT	Optical	USB-PS/2	3-button with scroll; white	4.5 x 2.3 x 1.5	9.75	8.95	7.95
121363	_	KP-01	Mouse pad	_	Mini mouse pad (blue)	7.0 x 5.5 x 1.0	.99	.75	.59
1951001	_	MP-ATT	Mouse pad	_	Mouse pad (2" x 3.5"; 2.75" x 5" window slots)	9.5 x 7.5 x 1.2	1.25	.99	.75

USB 2.0 Display Adapter

Hot-plug, add or remove monitor w/o system reboot

Resume from hibernation and suspend modes

USB 2.0 4-Port Hubs

Add multiple high performance USB 2.0 peripheral devices to your PC. Fully compliant with USB specifications. Fully backwards compatible with USB 1.1 devices.

- · Overcurrent detection & protection · Compatible with USB specification Rev. 2.0 (data rate1.5/12/480Mbps)
- · 1 upstream & 4 downstream ports
- · Connects up to 127 USB devices Supports Windows® 98SE/ME/ 2000/Server 2003/ XP/Vista; MAC® OS 8.6 or higher • Plug-and-play

1944687/1944679:

· Bus-power & self-power mode used

Supports 100/200/400Mbps

· Compliant with IEEE-1394

and IEEE-1395 and 1394A

· 4 downstream and 1 upstream USB

2 downstream and 1 upstream IEEE-1394

- Automatic connection & speed detection
- 1944695: 4 LED indicators for downstream port status
- · Self-power mode used separate AC adaptor required P/N 252736 • High speed

Part No.	Product No.	1	10
1944687	HU2044 ≉	\$9.89	\$9.49
1944679	HU2K40 ≉	19.95	17.95
1944695	HU2542 ≉	19.95	17.95

7-Port USB 2.0/Firewire Combo Hub

USB 2.0 Multi-Plus Card Reader/Writer

· Transfer rate of up to 480Mb/sec

Add-on monitor, LCD or projector

adapters to work simultaneously

through a single USB 2.0 port

Supports up to 2 USB display

Windows® VISTA compatible

Product No.

AN2420**≉**

· Allows data exchange in different slots

Part No.

1944708

 4 slots support compact flash, IBM Microdrive, SmartMedia, memory stick, SD and MMC devices

1944716 RU2340 ≉	\$15.95	\$13.95

USB 2.0 2-Port Manual Share Switch

· 2 channel switch

- (2 USB-B ports, 1 USB-A port)
- USB 2.0 compliant
- · Switch between computers by using port select button or hot key
- Supports 2 computers sharing 1 USB device

 Provides bus-power of 500mÅ per port Requirements: IBM compatible PC with Windows® 98SE/ME/2000/XP or MAC OS 9.0 or higher, USB port

Part No.	Product No.	Price
2075831	SS2115 🕿	\$13.99

· Supports self-powered mode & bus-powered mode

Requirements: IBM compatible Pentium® 233 or faster, MAC PC's, 64MB RAM or more, PC or MAC with 2.0 host available, Windows® 98SE/ME/2000/ XP/Vista or MAC OS 10.1 or higher

Part No.	Product No.	1	10
2075823	HC3071 ≈	\$48.95	\$46.99

USB 2.0 to SATA/IDE Combo Adapter

Keep the existing IDE drive while at the same time migrating to the new SATA technology, which provides a transfer rate of up to 150Mbps. Any SATA or IDE drives

can be turned into an external USB 2.0 storage device.

- · SATA 1.0a and USB 2.0 compliant
- Dual-headed IDE connector (4- and 44-pin) plus one SATA connector that supports 2.5"/3.5"/5.5"
- Operates one IDE and one SATA HDD simultaneously
- · External power supply provided

Requirements: IBM compatible Pentium® 233MHz, USB, Windows® 98SE/ME/XP, MAC OS 8.6 or later

Part No.	Product No.	Price
2075815	AS1200 🗷	. \$49.95

USB 2.0 Docking Station

· Connects via USB-A port to your laptop

System Requirements:

PC with 75MHz min. Pentium® or equivalent; 16MB of RAM min., available USB-A port, Windows® 98 or later

Part No.	Product No.	Size (WxDxH)	1	10
527822	USB 2.0 dock	4.8"x2.5"x1.0"	\$14.95	\$12.95

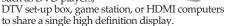
USB Complete

Lakeview (3rd Edition) Provides an easyto-use interface for computer peripherals. The book covers topics such as what USB can do, transfer types, chip choices, what's inside a USB controller, writing firmware, how the host communicates and more. (572 pages, 2005) • Size: 7.0" x 9.0"

Part No.	Description	Wt. (lbs.)	Price
171900	USB Complete Book	1.9	\$49.95

HDMI Switch

This HDMI switch allows HDMI sources. such as DVD players,



- Supported resolutions: 480/720/1080 i/p
- Power supply: input: 100-240VAC; output: 5V @ 1A
- Signal equalizer and pre-emphasized outputs, ideal for systems with long cable runs up to 20 meters

Includes: Power supply, remote, battery and installation guide

Part No.	Product No.	Inputs	1	10
2006684	VS4030 ₹ Version 1.3	3 \$7	9.95	\$74.95

Serial ATA to IDE Converter

This serial ATA to IDE converter allows standard parallel ATA hard disk drives, CD-ROM, CD-RW, DVD-ROM,

DVD + RW, to be used w/ serial ATA PCI cards or motherboards with serial ATA ports and meet the specification of serial ATA 1.0 interface.

- Compliance with Serial ATA Gen. 1.0
- · Master/slave device emulation support
- Supports PIO mode 0 ~ 4, Ultra DMA mode 0 ~ 7, UDMA transfer rates of up to 150Mbps, ATAPI command set and 48-bit LBA addressing

Requirements: PC with available Ultra ADA hard disk (IDE) and available Serial ATA host port

Part No.	Product No.	1	10
1944661	AD3300 ₹	\$23.95	\$21.95

USB 2.0 Ethernet Adapter

A high performance, highly integrated USB 2.0 bus Ethernet controller with embedded 7k x 16 bit SRAM.

- · USB 2.0 and 1.1 compliant
- IEEE802.3 (10Base-T) & 802.3u (100Base-TX)

· Supports suspend mode & remote wakeup via link-up

★ Web Code: SDR

· Supports full-duplex and half-duplex operations

Requirements: IBM compatible Pentium® 233MHz or faster, 64MB or more, USB port available, Windows® XP/2000/Vista 32/64-bit, Mac® OS 10.x

Part No.	Product No.	Size (LxWxH)	1	10
1944513	AE2201 ≈	2.8" x 2.0" x 1.0"	\$21.95	\$19.95

PC Speakers

- · 3.5mm male stereo plug
- Size: 4.7"H x 3.0"W x 4.0"D



ROHS compliant product 🕀 This product is available in both ROHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166







ATEN

RS-232 to RS-485/422 **Bidirectional Converters**

117701

- Cable length: 4000' max.
- · Data rate: 1MB/second
- Controlled by RTS signal

· 4-wire full duplex or 2-wire half duplex

DCE and DTE selectable

· Point-to-point and multidrop operations

 RS-485: terminal blockand RJ11 connections • RS-232: DB25 female connector • Input: 110VAC

· Weight: 0.9 lbs. · One-year warranty

197931: Port powered (power adapter not included)

Data rate: 100kbps

122956: Features RS-485SI; optical isolation: 2000V

Part No.	Description 1	10
117701	RS-232-485/422 \$59.69	\$53.69
197931	RS-232-485/422 69.95	62.95
122956	RS-232-485/422 OPT ISO 119.95	107.95
129218	RS-232-485/422 (220VAC) 49.95	44.95

ATEN Bidirectional Non-Buffered Serial-to-Parallel Converter

· Bidirectional conversion of parallel and serial signals

 Serial interface: hardware handshake RTS/CTS, software handshake Xon/Xoff; DCE/DTE selectable; parity: odd, even, or no parity; data bits: 7, 8

· Connectors: one DB25 female and one Centronics · One-year warranty

36-pin male • Stop bits: 1 or 2

Baud rate: 300 to 38,400bps

· Weight: 0.8 lbs. • Size: 4.0"L x 2.5"W x 1.0"H Includes: AC adapter (9VAC @ 200mA) and manual

Part No. Description 10 116935 Bi-converter \$39.95 \$35.95 \$32.95

Bidirectional Serial-to-Parallel Converter

115.2kbps, 512kB Buffer

- · One DB25 female connector, one Centronics 36-pinmale connector
- Fully compatible w/ Win® 95
- Baud rate: 300bps 115,200bps · FCC class A certified, CE certified
- · LED indicator for parallel busy status
- · DCE/DTE selectable Stop bits: 1 or 2
- Size: 3.8"L x 2.4"W x 1.0"H Weight: 0.8 lbs.

Includes: 9VAC @ 200mA adapter

Part No. Description 182983 Serial/parallel converter \$45.95 \$41.95 *Bidirectional Converters Online — Enter Web Code KEM

Hands-Free Condenser Microphone

· Cord length: 8'

One-year warranty

* Web Code: GCP Connector: 3.5mm male stereo plug

• Size: 1.9"L x 1.2"W x 0.3"H Part No. Description 10

Microphone₹ \$4.45 135248 \$4.95 \$3.95

Clip-On Lapel Microphone

 For Motorola cell phones and other applications

* Web Code: GCP · 2.5mm male stereo plug

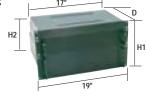


19" Rack Mount Enclosures

· Ventilation holes on all sides

· Front and back panels are steel w/ aluminum, pre-punched face plates





 Top, bottom and sides are durable 0.035" steel All enclosures have handles except P/N 132813

Includes: Mounting screws

	Dimensions (In.)			Wt.	Pric	ing
Part No.	H1	H2	D	(lbs.)	1	10
132813 🕿	1.73	1.25	9.75	6.2	\$43.75	\$39.35
132822 🕿	3.46	3.00	9.75	7.9	51.95	46.75
132840 🗷	3.46	2.88	11.75	9.1	53.95	48.59
132848 🗷	5.22	4.75	11.75	10.6	63.95	57.55
132864 🗷	8.56	8.00	13.50	15.4	109.95	98.95

* Rack Mounts Available Online — Enter Web Code GAT

19" Rack Mount Drawer with Keyboard and Trackball

Occupies a single unit (1U) rack space

PS/2 connector for keyboard and trackball

· Weight: 18 lbs.

Size: 19.0"W x 13.0"D x 1.75"H

Includes: Wrist pads, module, PS/2 to 5-pin DIN and PS/2 to 9-pin adapters, and software

Part No.	Description	1	10
220644	Rack mount KB drawer	. \$239.95	\$215.95

19" Rack Mount Enclosure for 14" Monitor

· Clear glass front panel

· Hinged door for accessing monitor controls

Color: graySize: 19.0"W x 15.1"D x 14.0"H

· Weight: 30 lbs.

Monitor not included

Part No.	Description	Pric
136021	Enclosure for 14" monitor	\$159.9

Cabinet Mounting Plate for 19" Cabinet

· Use as industrial chassis mounting plate for servers, PCs or patch panels Made of industrial grade

steel and aluminum

Size: 19.0"W x 15.8"D x 3.5"H

Part No.	Description	1	10
149500	Cabinet mount plate	\$39.95	\$35.95

ATEN Short Haul Modem

Up to 38,400 baud

 Will communicate over 6.3 miles of cable

· No external power required

DCE/DTE selectable

· Xon-Xoff or hardware handshaking RS-232 interface (DB25 female)

Part No. Description 10 116581 Short haul modem \$24.95 \$22.45 \$20.25



19" Rackmount **Patch Panels**

PS5E HD-110 Patch Panel

The universal PS5E HD patch panel series includes a



variety of product styles, sizes and wiring configurations. PS5E HD patch panels are robust and installer-friendly products by design, combining punch down connectors with standard modular jacks. The PS5E HD patch panels offer category 5E performance.

· Color: black

Part No.	Mfr. Part No.	Description	1	5
701289	AX100452	1U, 24 port \$	\$118.15	\$107.69

Flex Patch Panels

Flex patch panels provide a flexible and versatile



termination solution for telecommunications room rack-mount installations. The panels can be custom configured in the filed to suit practically any particular configuration.

Part No.	Mfr. Part No.	Description	1	10
1939811	AX101456 🕿	1U, 24 port	\$25.95	\$23.35
1939837	AX101458 🕿	2U, 48 port	45.95	41.35

QuickNetwork Install Can

· Type: Install can for QuickNetwork panels

 Feature: power supply and cover installed ⊕ FutureSmi

Size: 24"



3-Way KVM Switchbox (4-PCs to One User)

 Input connectors from PC to switchbox - PS/2 female keyboard and mouse; HDDB15 male connector for video monitor



- Easy to install, no software required
- Computer selection via pushbutton switch on front panel

Hot pluggable: computers can be added without powering down switchbox

 Auto scan function automatically switches through powered up computers to monitor computer • Size: 8.9"W x 2.2"H x 6.2"D

Online and status LEDs for easy status monitoring Includes: 9VDC @ 300mA power supply and manual

Part No.	Description	1	10
149391	3-way KVM switchbox	\$139.95	\$124.95



Digital I/O Board TTL Level PCI Bus

Output: 2.5mA @ 0.45V sink, 2.5mA @ 2.4V source

· 24-bit digital I/O Three 8-bit ports

Includes: InstaCal: installation & test utilities software



Part No. Product No. Price PCI-DI024 \$65.95

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



3 LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE OVERRUN

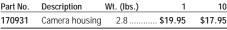
Outdoor Metal Camera Enclosure

Plate glass: 3mm thick *Web Code: LBB

· Clear window area: 2.5"W x 2.3"H

• Size: 16.0"L x 4.9"W x 4.9"H

· Max. camera size: 4.0"L x 2.4"W x 2.4"H



SONY® Color CCD Camera

Sony Chipset

- 1/4" Sonv super HAD CCD sensor
- NTSC system w/510(H) x 492(V)
- · Furnished mini lens: 3.6mm
- Minimum illumination: 0.5 lux @ F2.0
- Supports these functions: auto electronic shutter (AES), auto iris control (AIC), auto gain control (AGC), auto white balance (AWB), back light compensation (BLC) and flicker less (FL)
- · Video drive iris control; high/low switchable auto gain control; on/off backlight compensation
- Video output: 1Vp-p; 75Ω

Requires: 12VDC @ 120mA

power supply (recommend P/N 163993, pg 104) Includes: Power/signal cable & mounting hardware

Part No.	Description 1	10
213436	Enclosed color camera \$167.95	\$151.95

Black & White Camera with Lens

FIA Format

- 1/3" CCD image sensor
- 510(H) x 492(V)
- · Horizontal res.: >350 lines
- Sensitivity: 0.7 lux/F2.0 Power supply: 12VDC
- (recommend P/N 162996, pg 106) Video output: 1Vp-p, composite video 75Ω
- Power consumption: 110mA FOV: 92°
- · Electronic shutter: 1/125,000 sec. (linear)
- S/M ratio: 46dB

· J/IVI all	0. 400D • SIZE. 1.3 L /	(1.3 VV X 1.	Z I I
Part No.	Description	1	10
171029	Camera board	\$44.95	\$39.95

Camera board \$44.95 \$39.95

Mini Wireless Color Camera

This super-small (1" x 3/4" by 7/8") 1/4 ounce, 3 Lux wireless camera and receiver combo delivers sharp, full-motion video images at 380 lines of resolution. With its 150'

(unobstructed) range and 9-volt battery power.

Part No.	Description 1	10
249025	Wireless color camera \$54.95	\$49.45

Cable Assemblies





7011 ROOMO BRO						
Part No.	Mfr.	Length	1	10	50	100
262730	JamecoVP	25' \$9	.95	\$8.95	\$7.95	\$6.95
262748	JamecoVP	50' 14	.95	13.45	12.15	10.95

75Ω BNC - BNC and Jack-to-Jack

Part No.	Mfr.	Length 1	10
1581388	Elyssa	50' \$19.95	\$17.95
1581409	Elyssa	100' 24.95	22.45

Color Camera with 8mm Lens

- 1/3" CCD image sensor
- · Horizontal res: 420 lines
- Min. illumination: 0.5 lux
- · Electronic shutter: 1/120,000 sec.
- · 510(H) x 492(V) EIA signal format
- · Auto iris lens: DC drive/AES/video drive
- Video output: 1Vp-p, 75Ω · Vertical freq.: 60Hz
- Audio output: 2Vp-p max., 50Ω
- · Backlight, auto-gain, and mirror reverse
- picture switch selectable · S/N ratio: 52dB Auto-tracing white balance • 2X digital zoom
- Power requirements: 12VDC @ 150mA

Part No.	Description 1	10
395461	Color camera \$119.95	\$107.95

Color Interline Camera

Water resistant with mounting bracket

- · 1/3" CMOS image sensor
- EIA format: 512(H) x 492(V) · 330 horizontal line resolution

- 5 lux sensitivity FOV: 530
 Video output: 1V p-p; 75Ω
 6mm lens/F2.0 S/N ratio: 40dB
- Electronic shutter: 1/60 1/1,200 sec.
- Connectors: 1 standard RCA female jack for video, and in-line 2.1mm power-plug connector for power supply

Includes: Adjustable mounting bracket, instruction sheet and 9V @ 100mA power supply

Part No.	Description	1	10
185017	Color camera	\$99.95	\$89.95

*Cameras — Enter Web Code MBB

2.4GHz Wireless Audio/Video Transmitter

- Frequency range: 2413MHz to 2470MHz
- Impedance: 50Ω
- · Output power: 1 Watt
- Video input: 1Vp-p
- Audio input: 2Vp-p

Includes: 12VDC @ 1A wall adapter, RCA patch cable, antenna and mounting hardware

179864:

- · For use with 2.4GHz cameras, transmitters and receivers
- Gain: 3dB; unidirectional

2081633:

- · Frequency range: 2.4GHz 2.5GHz
- Reverse polarity SMA plug
- · Polarization: linear, vertical
- · Gain: 2dBi
- · Power handling: 2 watt
- Impedance: 50 VSWR: 2.0:1 max.
- Description

Part No.	Description 1	10
289852	Wireless audio/video tran \$209.95	\$189.95
179864	2.4GHz SMA RF antenna 5.95	5.35
179872	Wireless extension cable 10.95	9.85
2081633	2.4GHz SMA antenna 2.49	2.25

* Video Accessories — Enter Web Code YBE

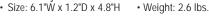
We're Listening to

better serve your electronic needs. Send feedback to Feedback@Jameco.com

5.6" Color TFT Monitor

NTSC Format

- · TFT color LCD display
- 224 x 640 pixel display resolution
- · Built-in 1 watt speaker
- Video input: 1.0Vp-p; 75Ω
- Audio input: 2Vp-p; 2kΩ Brightness, color and
- volume adjustments



Includes: RCA cable, mounting stand with hardware and 12VDC @ 500mA power supply

Part No.	Description 1	10
201702	5.6" TFT color monitor \$249.95	\$239.95

3.5" Color LCD Video Monitor

The display monitor operates on a standard composite video signal from VCR, video camera, video game, or navigation system: ideal for mounting in seat backs & custom enclosures.



★ Web Code: VBF

- · High resolution (480H x 234V) flat screen
- Thin film technology color LCD
- Back light cold cathode flourescent lamp
- Input signal: 1.0Vp-p; 75
- Video color system: NTSC/PAL auto switch
- Power supply: 12V ±10%
- · Power consumption: 3-watt
- Active area: 3.2 W x 2.4 H · Weight: 5.3 ounces
- Dimensions: 3.9"L x 2.8"H x 0.8"D

Part No. 1928257 3.5" color LCD monitor \$149.95 \$134.95

Waterproof Tube-Style

IR Color Camera

NTSC Format

- · For indoor and outdoor use
- 1/4" CCD image sensor
- 420 horizontal line resolution
- 59.94Hz vertical frequency
- · Scanning system: 2:1 interlace
- 0 lux w/ 20 IR LEDs 512(H) x 492(V)
- Internal synchronization
- Up to 1/100,00 sec. electronic shutter
- Auto white balance and gain control
- 880 ~ 940nM infrared wavelength
- S/N ratio: >48dB Video output: 1Vp-p, 75Ω 4.3mm lens with F1.8 • Size: 2.1"Dia x 3.8"L

Requires: 12VDC @ 160mA power supply

(recommend P/N 162996, pg 106) Includes: Mounting hardware

Part No.	Mfr. Part No.	1	10
319901	15-CM25WM	\$175.95	\$158.95

CMU Camera

- · Tracks the position and size of a colorful or bright object
- Measures the RGB or YUV statistics of an image region
- Automatically acquire and tracks the first object it sees
- Dumps a bitmap showing the shape of the tracked object
- Dumps a complete image over the serial port
- · Physically tracks using a directly connected servo Supports multiple CPU boards on

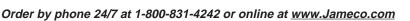
one camera for parallel processing

Part No.	Description	1	10
358467	3.5" color LCD monitor	\$145.95	\$138.95

What You Need

Our goal is to provide you with more of what you want. Let us know how we can

RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.







EXTECH

400A AC/DC Clamp Meter/Multimeter

- · Auto ranging with auto power-off
- 0.9" (23mm) jaw size
- · Continuity beeper and diode test
- · Overload protection
- · Over range and low battery indicators
- One touch "Auto Zero"
- · 4000 count LCD display
- · Data hold freezes current reading on display
- Measures AC/DC current, DCV, ACV, resistance, capacitance, frequency, temperature, and duty cycle

- Basic current accuracy: AC: ±3.0%; DC: ±2.5%
 Basic voltage accuracy: AC: ±2.0%; DC: ±1.5%
 AC/DC current ranges: 40A-400A; 0.01A max. res.
- Capacitance ranges: 40nF–1000µF; 0.01nF max. res.
- DC/AC volt. ranges: 400mV–600V; 0.1mV max. res.
- Resistance ranges: 400Ω – $40M\Omega$; 0.1Ω resolution
- Duty cycle: 0.5%-0.99%; 0.1% max. res.
- Frequency ranges: 5Hz-150kHz; 0.001Hz max. res.
- Temperature ranges: -58° to +1830°F (-50° to +1000°C); 1° max. resolution

Includes: Test leads, case, and 2 AAA batteries

Part No.	Mfr. Part No.	1	5
374070	MA220	\$99.95	\$89.95



1000A Clamp Meter with IR Thermometer

- · Non-contact IR temperature measurements with laser pointer
- Peak hold captures inrush current and voltage measurement 1.7" (43mm) jaw opening for
- conductors up to 750MCM · 4000 count backlit dual display
- Auto ranging with manual range button
- · Continuity and diode test
- True RMS
- IR temperature ranges: -58°F - 518°F (-50°C - 270°C)
- AC/DC current ranges: 0.1A 1000A
- AC/DC voltage ranges: 0.1mV 600V
- Resistance ranges: $0.1\Omega 40M\Omega$
- Capacitance ranges: 0.001nF 40,000μF
- Frequency ranges: 0.001kHz 4kHz Type K temp. ranges: -4°F – 1400°F (-20°C – 760°C)
- Size: 10.6"L x 4.3"W x 2.0" thick

Includes: Test leads, 9V battery, type K probe, and belt holster

Part No.	Mfr. Part No. 1	5
1585881	EX830\$197.95	\$189.95

Mini DC/AC 2000-Count Clamp Meter/Multimeter

- · Bright 1/2" LCD
- Data hold
- · 0.5" digit height
- Size: 7.1"L x 1.9"W x 1.4"H
- · Weight: 0.9 lbs.



ACA*	20A, 200A	±1.2% + 5d
DCA	200A	±1.2% + 5d
ACV*	500V	±1.0% + 2d
DCV	200V	±0.8% + 1d
Resistance	200Ω	±1.2% + 1d
*Frequency Response	40-400Hz	
Zero Adjust	External knot	b for DCA

Includes:

Test leads, manual and case

Part No.	Description 1	5
115756	Mini DC/AC clamp meter \$99.95	\$89.95

EXTECH

Passive-Component Digital LCR Meter

- 41/2-digit backlit LCD display
- · Measures L, C and R with secondary parameter Q, D or R; both are displayed
- Selectable parallel or
- series equivalent circuit
- Quality (Q) reading: 0 to 9999
- Test frequencies of 120Hz and 1kHz
- Resistance ranges: 20Ω to $10M\Omega$ • Inductance ranges: 2000µH to 10,000H
- Capacitance ranges: 2000pF to 10mF
- Set HI/LO limits, absolute or percentage
- Bidirectional RS-232 port with optional software
- · Max./Min./Avg. recording with auto power off
- Accuracy of 0.7% for L & C, 0.5% for R
- Dissipation Factor (D) reading: 0 to 0.9999
 Size: 3.6"W x 2.1"D x 7.6"H
 Weight: 0.8 lbs.

Includes: Test leads, alligator clips, 9V battery & holster 189238: 9V adapter (sold separately)

Part No.	Description 1	5
198678	LCR Meter \$173.95	\$169.95
189238	9VDC adapter for 198678 5.95	5.35

EXTECH

Passive Component R/C **SMD Tweezer Meter**

One hand operation for fast, precise identification and measure of surface mount components.

- · 4000 count LCD display
- Measures resistance, capacitance and diode test
- Relative mode for zero or user applied reference
- Over range & low battery indicators
- Resistance range: 400Ω, 4kΩ, 400kΩ, 4MΩ, 40MΩ
- Capacitance range: 4nF, 40nF, 400nF, 4μF, 40μF, 200μF
- Size: 7.1"L x 1.4"W x 0.8"D

Part No.	Mfr. Part No. 1	5
1939685	RC100\$59.95	\$54.95



40,000 Count Heavy Duty **Industrial Multimeter**

- Double molded for waterproof protection
- 1000V input protection on all functions
- Dual sensitivity frequency functions Large backlit LCD with bargraph
- Auto power off with disable feature · Min/max/relative/data hold functions
- · 8 functions w/ continuity
- and diode testing DC/AC voltage ranges: 0.1mV to 1000V
- DC/AC current ranges: 0.01µA to 20A • Resistance ranges: 0.01Ω to $40M\Omega$
- Capacitance ranges: 0.001nF to 40mF
- Frequency (electrical) ranges: 0.01Hz to 400Hz
- Frequency (electronic) ranges: 0.001Hz to 100MHz Temperature range: -50° to 1382°F (-45° to 750°C)
 Size: 7.25"L x 3.25"W x 2.25"D

Includes: Double molded test leads, magnetic hanging strap, Type K bead wire temperature probe, carrying case, and 9V battery

Part No.	Mfr. Part No.	1	5
1939651	EX530	\$199.95	\$189.95



3-in-1 Multimeter and Cable/Line Tester

Combines the function of a multimeter, phone line tester, and a network cable tester.

- 2000 count LCD display (15mm display size) w/ automatic polarity indication, and white backlight.
- Data hold function
- · Continuity and diode test
- DC voltage ranges: 0.2 to 1000V AC voltage ranges: 0.2 to 700V
- DC current ranges: 200µA to 10A
- AC current ranges: 200µA to 10A • Size: 3.3"W x 1.1"D x 7.3"H • Weight: 1.4 lbs.

Includes: 9V battery, test leads, remote box for cable testing, and users manual

Part No.	Mfr. Part No.	1	5
1955984	DVM1000	\$69.95	\$64.95

wellement

3-in-1 Lab Center

Your spacesaving lab solution! Everything you need in one unit.



Digital Multimeter:

- 3-1/2 backlit LCD · Automatic polarity indication
- DC voltage ranges: 200mV to 600V
- · Data hold function and buzzer
- AC voltage ranges: 200V to 600V
- DC current ranges: 200µA to 10A
- Resistance ranges: 200Ω to $2M\Omega$ Diode, transistor and continuity tester

- Regulated Power Supply:
 Selectable output volts: 3 to 4.5; 6 to 7.5; 9 to 12VDC
- Output current: 1.5A (2A peak) · On/off switch
- LED overload and power indicators

Soldering Station:

- 48W ceramic heating element with temp. sensor
- 24V soldering iron Temp. range: 150° to 450°C

Includes: Test leads, user manual, sponge, spare bit for soldering iron and 9V battery for DMM

Part No.	Mfr. Part No. 1	5
695025	LAB1 \$159.95	\$139.95

20MHz Industrial Scopemeter®

Digital Scope, 15-Function Digital Multimeter & Recorder

The Fluke 123 is the ideal choice for troubleshooting industrial machinery, instrumentation, control and power systems. It automatically recognizes signal patterns and sets up correct triggering, timing, and amplitude for stable displays.

❖ Refurbished = Backed by Jameco

Part No. Mfr. Part No. Price Fluke 123-003 (w/o software) + \$799.95

50mV/50A Current Shunt

- · Current range: 0 to 50A
- Accuracy: 0.8% ±0.2mV
- Output ratio: 1mV/1A



* Digital Multimeters — Enter Web Code HBK

* For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



EXTECH

Extech MV110

· Tiltable display

• 2000 count

· 8 functions



P/N 1928476 \$8.95

Sizes show are for relative comparisons.

> Mastech M300 • 2000 count





P/N 220812 \$10.95

wealleament

Velleman DVM850BL

• 6 functions

• 2000 count



P/N 355207 \$17.95

JAMECO BenchPro

BP-1562

• 2000 count • 6 functions AMECO





MASTECH

Mastech MAS830L



P/N 318781 \$10.95

(220759)

· 2000 count

• 7 functions Continuity test

Mastech MAS838 (220741) · 2000 count

 8 functions Temperature

220741

P/N 220759 \$14.95



P/N 220741

\$19.95

P/N 197958 \$39.95

MASTECH

Mastech MY64

- 2000 count
- 11 functions · Temp./frequency



P/N 220775 \$39.95

voellemen

• 11 functions

Velleman DVM890F

P/N 645571

\$44.95

- 2000 count
- (220767) • 3260 count

MASTECH

• 12 functions

Mastech MY68

 Autorange Analog bargraph



· 3999 count

7 functions

* Web Code: HBK

Autorange

NEW

P/N 220804

P/N 220767 \$19.95 \$44.95

	*Web Code:	HBK						Basic N	leasurement Fun	ctions					Te	st Functio	ns		Special F	unctions		⊕ BI	ue Part No. = Lim	nited Quantity Available
Jameco Part No.	Product No.	Display Count	No. of Functions	Resolution (max DC)	DC Voltage Ranges (V)	AC Voltage Ranges (V)	DC Current Ranges (A)	AC Current Ranges (A)	Resistance Ranges (Ω)	Capacitance Ranges (F)		Frequency Ranges (Hz)	Temperat °C	ure Range °F	Diode Batte	,	Transistor hFE Test	Autorange	Analog Bargraph	RS-232 PC Interface	True RMS	Size (H"xW"xD")	Jameco Part No.	Pricing 5
1928476	Vastech DT830B	1999	4	i _	200m - 1000	200 - 750	200μ - 10	_	200 - 2M	_		_	_	_	V		~					5.0 x 2.7 x 1.0	1928476	\$8.95 \$7.95
214261	Wavetech DM7	1999	6	1mV	2 - 600	200 - 600	200mA	_	2 - 2M	_		_	_	_	V V							5.5 x 3.1 x 1.5	214261	24.95 22.95
220812	Mastech M300	2000	6	1mV	2 - 500	200 - 500	200mA	_	2k - 2M	_		_	_	_	V	~						4.7 x 2.7 x 0.8	220812	10.95 9.95
355207	Velleman DVM850BL	2000	6	100μV	200m - 100	200 - 600	200µ - 10	_	200 - 2M	_		_	_	_	V	V	~					5.4 x 2.7 x 1.2	355207	17.95 15.95
318781	BenchPro BP-1562	2000	6	100μV	200m - 600	200 - 750	200µ - 10	_	200 - 2M	_	←	_	_	_	V		V					5.4 x 2.7 x 1.2	318781	10.95 9.95
220759	Mastech MAS830L	2000	7	100μV	200m - 600	200 - 600	200µ - 10	_	200 - 2M	_		_	_	_	V	V	V					5.7 x 3.0 x 1.4	220759	14.95 13.95
220741	Mastech MAS838	2000	8	100μV	200m - 600	200 - 600	2m - 10	_	200 - 2M	_		_	-20 to 1000	_	~	~	V					5.7 x 3.0 x 1.4	220741	19.95 17.95
197958	Extech MV110	2000	8	100μV	200m - 1000	200m - 750	20μ - 10	20μ - 10	200 - 200M	_		_	_	_	~	~	V					7.3 x 3.5 x 1.3	197958	39.95 37.95
220775	Mastech MY64	2000	11	100μV	200m - 1000	200m - 700	2m - 10	2m - 10	200 - 200M	2n - 20μ		2k - 20k	-20 to 1000	_	✓	~	V					7.4 x 3.6 x 1.3	220775	39.95 35.95
645571	Velleman DVM890F	2000	11	100µV	200m - 1000	2 - 700	2m - 20	20m - 20	200 - 200M	2000p - 20μ		_	_	-58 to 1832	~	~	V					6.7 x 3.5 x 1.5	645571	44.95 39.95
220767	Mastech MY68	3260	12	100μV	326m - 1000	3.26 - 700	326µ - 10	326µ - 10	326 - 32.6M	326n - 32.6µ		32.6k - 150k	_	_	V	~	V	~	~			7.4 x 3.6 x 1.3	220767	44.95 39.95
220804	Mastech M320	3999	7	1mV	4 - 600	4 - 600	.0440	.0440	400 - 40M	_	←	_	_	_	V	~		~				4.7 x 2.75 x 0.7	220804	19.95 17.95
645626	Extech EX330*	4000	9	100μV	.1m - 1000	.1m - 750	.1µ - 10	.1µ - 10	.1 - 40M	.001n - 200µ		.001 - 10M	-50 to 1000	-58 to 1832	~	~		~				5.7 x 2.9 x 1.6	645626	53.95 49.95
1581177	Extech EX430	4000	9	100μV	.1m - 1000	.1m - 750	.1µ - 20	.1µ - 20	.1 - 40M	.1n - 100µ		.001 - 10	-20 to 750	-4 to 1382	~	~		~			~	7.4 x 3.2 x 2.0	1581177	89.95 79.95
692502	Extech DM110	4000	10	100μV	0 - 500	0 - 500	040	040	400 - 40M	0 - 200μ		9 - 10M	_	_	V	~						4.3 x 2.2 x 0.5	692502	34.95 30.95
211650	Extech MN26T	4000	11	100μV	400m - 600	400m - 600	400μ - 10	400μ - 10	400 - 40M	4n - 200µ		10 - 10M	0 to 760	0 to 1400	~	~		~				4.8 x 2.4 x 1.6	211650	39.95 37.95
117373	BenchPro BP-1949	4000	11	100μV	400m - 400	4 - 400	400μ - 10	400µ - 10	400 - 4M	50n - 100μ		5 - 50k	-20 to 1000	-4 to 1532	V	V		~		~		7.7 x 3.6 x 1.6	117373	79.95 71.95
137462	BenchPro BP-1737	4000	11	100μV	400m - 400	4 - 400	400μ - 10	400µ - 10	400 - 4M	50n - 100μ		5 - 50k	-20 to 1000	-4 to 1832	~	~		~		V	~	7.7 x 3.6 x 1.6	137462	99.95 89.95
1537328	Fluke 115 [†]	6000	9	100μV	600m - 600	600m - 600	6 - 20	6 - 20	600 - 40M	1000n - 9999µ		99.99 - 50k	_	_	~	~		~	~		~	10.9 x 6.3 x 2.2	1537328	159.95 149.95
1537336	Fluke 117* [†] ❖	6000	9	100μV	600m - 600	600m - 600	6 - 20	6 - 20	600 - 40M	1000n - 9999μ	\leftarrow	99.99 - 50k	_	_	~	~		~	~		~	10.9 x 6.3 x 2.2	1537336 🗪	199.95 189.95
192655	Fluke 175	6000	12	100μV	600m - 1000	600m - 1000	60m - 10	60m - 10	600 - 50M	1000n - 9999μ		99.99 - 99.99k	_	-	~	~		~	~		~	7.3 x 3.5 x 1.7	192655	249.95 239.95
185535	Fluke 179 [†]	6000	13	100μV	600m - 1000	600m - 1000	60m - 10	60m - 10	600 - 50M	1000n - 9999µ		99.99 - 99.99k	-40 to 400	-40 to 752	V	~		~	~		~	7.3 x 3.5 x 1.7	185535	259.95 249.95
318764	BenchPro BP-1415	20,000	8	10μV	200m - 1000	2 - 700	2m - 20	2m - 20	200 - 200M	2000p - 20µ		20k	_	_	~	~	~					7.4 x 3.6 x 1.2	318764	59.95 54.95
1581214	Protek 6800	80,000	10	1μV	8 - 1000	80m - 750	80m - 10	80m - 10	80 - 80M	1n - 100μ		1K - 8M	-50 to 1372	-58 to 2502	V	V			V	V	~	7.5 x 3.5 x 1.5	1581214	199.95 189.95

with non-contact voltage detector (100-600VAC range)

† with backlight

EXTECH

Extech EX330* (645626)

- 4000 count
- 9 functions Non-contact AC voltage detector

Extech EX430 (1581177)

- 4000 count
- True RMS Auto ranging

\$53.95

134

P/N 645626

P/N 1581177 \$89.95



• 4000 count

• 10 functions



Extech DM110

- Autorange



P/N 692502 \$34.95

EXTECH

• 4000 count • 11 functions

RoHS compliant product This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.

 Autorange Temp./frequency



Extech MN26T

\$39.95

JAMECO BenchPro

BP-1949 (117373)

- 4000 count
- 12 functions/RS-232 Autorange
- Temp./frequency

BP-1737 (137462)

- · 4000 count • 12 functions/RS-232
- Autorange Temp./frequency • True RMS

P/N 117373

\$79.95

137462





FLUKE.

Fluke 115

• 6000 count

• True RMS

(1537328)

Backlit

\$199.95



FLUKE.

Fluke 175

• 6000 count

• 12 functions

(192655)

\$249.95

P/N 185535 \$259.95

JAMECO BenchPro

• 20,000 count

8 functions

Capacitance

BP-1415

P/N 318764 \$59.95



*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above





AMECO



Protek

Protek 6800

• 80,000 count

• 10 functions





• RPM, DBM function

Square wave generator



421542

FLUKE.

- Great Price!

2000-Count Multimeters

- Resolution: 100µV max.
- · DC voltage ranges: 200mV - 1000V
- Size: 7.5"W x 9.6"D x 2.5"H
- · Weight: 2.6 lbs.

203801: 3 1/2-Digit - 2A

- DC/AC current ranges: 20µA − 2A
- AC voltage ranges: 200mV 700V • Resistance ranges: $200\Omega - 20M\Omega$
- Conductance ranges: 2µS 200nS
- 160830: 3 1/2-Digit 10A
- DC/AC current ranges: 20µA 10A
- AC voltage ranges: 200mV 700V Resistance ranges: 200Ω – 20MΩ
- Conductance ranges: 2µS 200nS Limited Supply
- 421542: 3 1/2-Digit 2A
- DC/AC current ranges: 200µA 2A
- AC voltage ranges: 200mV 750V• Resistance ranges: $200\Omega 20\text{M}\Omega$
- Conductance ranges: 2mS 200nS • Frequency ranges: 20Hz – 50kHz
- Refurbished = Backed by Jameco

Part No.	MIT. Part No.		
160830	8010A.	\$199.95	\$189.95
203801	8012A.	199.95	189.95
421542	8050A	219.95	209.95

4000-Count True-RMS Benchtop Multimeter with RS-232

- 9 functions. 32 ranges
- 3¾-digīt backlit LCD display with bargraph
- Auto/manual ranging
- True RMS AC volts and amps
- Resolution: 100µV maximum
- DC voltage ranges: 400mV 1000V (0.3% accuracy)
- AC voltage ranges: 4V 750V
- · DC/AC current ranges: 4mA 10A
- Resistance ranges: 400Ω 40MΩ
- Capacitance ranges: 4nF 40μF
- Frequency ranges: 100Hz 600kHz Diode and continuity test
- · Delay hold mode
- · Min., max., and relative hold function
- Input voltage: 9V battery or 90-132VAC/
- 198-264VAC @ 50-60Hz · Weight: 3.3 lbs.
- Size: 9.0"W x 9.4"D x 3.3"H Two-year warranty

Includes: Manual, test leads, power adapter, 9V battery, RS-232 cable and software (98/ME/2000/XP compatible)

Part No.	Product No.	1	5
230586	R040	\$160.05	¢150 05

Handheld 5MHz Digital Oscilloscope with true-RMS Multimeter

- 5MHz bandwidth
- Record length: 512 single shot,
 - 256 all other functions **EXTECH** Sample mode:
- single shot, roll, normal
- Vertical sensitivity: 50mV max.
- Input volt.: 600VDC or AC_{RMS} max.
- Trigger modes: auto, normal, single
- Trigger source: channel A, channel B, external
- Trigger coupling: AC, DC
- Timebase: 1µS to 5S
- Input impedance: $1M\Omega$ Sampling time: 25MS/s dual ch.; 50MS/s single ch. 132 x 128 pixel super-twist two level backlit display
- · Data hold and low battery indications
- RS-232 PC interface and software for transferring waveforms and data Resolution: 100uV max.
- DC voltage ranges: 0.001V to 1000V
- AC (TRMS) voltage ranges: 0.001V to 750V
- Resistance ranges: 1Ω to $5M\Omega$
- · Frequency ranges: 0.01Hz to 10MHz
- RPM ranges: 240 to 60,000 RPMS
- Size: 3.5"W x 1.8"D x 7.7"H

Includes: Test leads, alligator clips, Ni-MH battery pack, AC adapter/charger, RS-232 cable, holster & carrying case

Part No.	Mfr. Part No. 1	5
645651	381295 \$449.95	\$429.95

Handheld 12MHz Digital **Oscilloscope**

- · 40MS/s for repetitive signals (10MS/s for single shot events) Input impedance: $1M\Omega/20pF$
- · Maximum input voltage
- 100Vpeak (AC+DC), 200V peak-peak (AC only) Input coupling: DC, AC and GND
- LCD graphics display:
- 112 x 92 pixels Vertical resolution:
- 8-bit ±1-bit linearity
- Timebase range: 32 steps; 50ns to 1hr./div
- Input sensitivity range: 12 steps; 5mV to 20V/div

Closeout

Price!

weathernion

- True RMS and dB measurements
- Trigger mode: run, normal, once, and roll modes
- · High contrast LCD display
- Recommend 9VDC @ 300mA wall
- adapter (P/N 133891, pg 104)
 Batteries not included (P/N 198707 pg127)
- Size: 8.0"H x 4.1"W x 1.4"D • Weight: 1.0 lb.

Description Price 12MHz Oscilloscope (HPS40) \$299.95

Includes

Free DMMK

violenson' Handheld 2MHz Digital Oscilloscope w/ 3½-Digit DMM

- · 10MHz for repetitive signals; 2MHz for single shot events
- Max input voltage: 100Vpeak (AC+DC)
- Input coupling: DC, AC and GND (GND for auto zero reference) Input impedance: 1MΩ/20pF
- LCD graphics display: 64 x 128 pixels Vertical resolution: 8-bit
- · Input sensitivity range: 5mV to 20V/div
- True RMS and dB measurements
- Trigger mode: run, normal, once and ± slope
- Batteries not included (recommend 198707, pg 127) Includes: DVM850 6 function 2000 count multimeter (see pg 135 for image and specifications)
- Recommend 9VDC @ 300mA power supply (P/N 133891, pg 104)

and insulated BNC-to-alligator clip measurement probes

Part No.	Description	Weight	1	5
355485	2MHz Oscilloscope with DMM (HPS40 + DVM850)	1.0 lb	\$195.95	\$185.95

• Linearity: ±1 bit

Screen hold



Timebase range: 0.2µs to 1hr./div

High contrast 3.3" diagonal LCD display



Protek

- · 20MHz analog bandwidth with 2 vertical inputs
- Sensitivity: 5mV to 100V/div
- (in 1,2,5 sequence) 8-bit resolution
- · Input impedance: $1M\Omega \pm 1\%$; $20pF \pm 1.3pF$
- Probe attenuation: x1 and x10
- · Horizontal sweep rate: 50ns/div to 50s/div
- · Acquisition system: sample, peak detect, envelope, average
- Waveform interpolation: dot, linear, sine, and pulse
- Trigger sensitivity: 0.5V/div (DC to 5MHz)
- Trigger type: edge, pulse width, video Coupling: AC/DC, HF-reject, LF-reject, noise reject
- DC voltage range: 600mV to 1000V
- AC voltage range: 6V to 600V
- Resistance range: 600Ω to $60M\Omega$
- Capacitance range: 60nF to 300μF
- · Diode, continuity, high current and temperature test

Power requirements: 9VDC @ 1A power supply or 7.2V NiMH battery pack

Includes: Power adapter, manual, scope probe, test leads, holster, USB cable and software

Part No.	Mfr. Part No.	Size (HxWxD)	Price
1918999	Protek 820	8.3" x 4.2" x 2.2"	\$999.95

Protek

3GHz Universal Counter

- High accuracy frequency measurements up to 3GHz
- Measures frequency, time interval, ratio, and totalize
- Large, bright 8-digit LED
- display with gate time and function indicators Frequency measurement: input A DC coupled 0.1Hz to 10MHz, AC coupled 10Hz to 100MHz with gate times of 0.01s to 10s in 4 decades; input B DC
- coupled 0.1Hz to 10MHz, AC coupled 10Hz to 100MHz; Freq C 100MHz to 3GHz with gate times of 0.0128s, 0.128s, 1.28s, and 12.8s
- · Input voltage: 100/120/220/240V @ 50-60Hz
- Power consumption: 20W
- Size: 10.0"W x 11.0"D x 4.0"H · Weight: 5.3 lbs.

	9	
Part No.	Product No. 1	5
1581206	B3110 \$ 419.95	\$406.95

DigiView 100MHz Logic **Analyzer USB Interface**

Professional quality 18-channel, 100MHz logic analyzer with high portability.

- · 18-channels, 100MHz
- · USB interface and power source for portability
- Real time hardware compression
- · Compression ratio up to 256,000:1
- Trigger on rising, falling, or transition of any channel Pre-trigger and post-trigger data capture

 Captures up to 5 minutes of data @ 10ns resolution Part No.

256866 USB logic analyzer \$498.95 \$469.95 Our goal is to provide you with more of

what you want. Let us know how we can better serve your electronic needs. Send feedback to Feedback@Jameco.com.





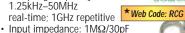


50MHz Digital PC-Based Oscilloscope, Spectrum Analyzer and Transient Recorder

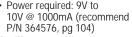
Visiting the second

★ Web Code: MAQ

· Sampling frequency: 1.25kHz-50MHz



- Parallel port interface
- Inputs: 2 channels, 1 external trigger input
- Max. input voltage: 100V AC/DC Power required: 9V to





- Input sensitivity: 5mV-15V per division with auto step-function
- · Recording length: 4096 samples per channel

Spectrum Analyzer: • Frequency range: 0 to 25MHz Transient Recorder: • Time scale: 20ms/div-2000s/div

- · Max. recording time: 9.4 hours/screen
- · Max. number of samples: 100/s

System requirements: IBM compatible PC, Windows® 95/98/ME, SVGA card, mouse, printer port, CD-ROM Includes: 2 Test leads, parallel cable and CD-ROM

Part No.	Mfr. Part No.	Price
200184	PCS500AU	\$349.95

17MHz Logic Pulser

- · Compatible with TTL, DTL and CMOS ICs
- · Pulse repetition rate: 0.5pps/400pps
- $1M\Omega$ sync input impedance
- Pulse width output at 100mA load: 10µs
- · Pulse mode output current: 10mA
- Square wave current output: 5mA "One shot" or continuous 5Hz pulse train
- Size: 7.8"L x 1.0"W x 0.6"H

Part No.	Description	1	10	25
24601	Logic pulser	\$29.95	\$26.95	\$23.95

17MHz Logic Probe

- · Max input freq.: 17MHz
- · Minimum pulse width: 30ns
- · Pulse flash time: 500ms
- · Audible tones for high & low
- Input impedance: 1MΩ
- Power supply protection: ±20V
- TTL threshold: Lo = 0.8V ±0.2V, Hi = 2.3V ±0.2V
- CMOS threshold: Lo = 30% VCC, Hi = 70% VCC
- Size: 7.7"L x 1.0"W x 0.6"H

Part No.	Description 1	10	25
149930	Logic probe \$34.95	\$31.95	\$27.95

High Voltage Test Probe

- · Maximum voltages: DC:40kV, AC: 40kV peak, 28kVrms
- · Accuracy: DC:±1.5%, AC:±5%
- $10M\Omega$ meter input impedance required
- Input/output impediance: $1,000M\Omega/1.1M\Omega$
- · Cable length: 39"
- · Probe length: 14"

· Weight: 0.8 lbs

Part No.	Description	1	10
132290	High voltage test probe	\$79.95	\$72.95

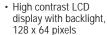
2MHz Panel Mount Oscilloscope

wedlessen

Totally

Unique

This compact scope at only 1.4" deep is perfect for continuous monitoring and system analysis.



- Maximum sample rate: 10MHz for repetitive signals (2MHz for single shot events)
- Input impedance: 1MΩ/20pF · Maximum input voltage: 100Vpeak
- (AC+DC); 200Vp-p (AC only) Maximum input amplifier bandwidth: 2MHz
- · Input coupling: DC, AC, and GROUND
- Trigger modes: run, normal, roll mode for 1s/div and slower time base
- Vertical resolution: 8-bit
- Signal storage: 256 samples max., 125 sampleš visible
- dBm measurement: -73dB to 40dB*
- dBV measurement: -75dB to 38dB*
- True RMS measurement: 0.1mV to 80V*
- Peak to peak AC range: 0.1mV to 160V*
- Timebase ranges in 32 steps: 0.2uS to 1 hour/division
- Input sensitivity ranges in 12 steps: 5mV to 20V/ division @ x1; 50mV to 200V/division @ x10
- Input voltage: 6VAC or 9VDC @ 300mA
- Size: 6.5"W x 1.4"D x 3.5"H Weight: 1.0 lb.

Part No.	IVITT. Part I	10.		5
645280	VPS10 🌣		\$199.95	\$189.95
*Increased pe	rformance w	ith x10 probe	Blue P/N = Lir	nited Otv

*Oscilloscopes Available Online — Enter Web Code RCG

2-Channel USB PC Oscilloscope

The PCSU1000 digital storage oscilloscope uses the power of your PC to visualize electrical signals. Its highly sensitive display resolution, down to 0.15mV, combined with a high bandwidth and a sampling frequency of up to 1GHz give this unit all the power you need.

Oscilloscope:

- Input range: 5mV to 2V/division
- Time base: 20ns to 100ms per division
- Trigger source: CH1, CH2, EXT or free run
- Real time sampling frequency: 1.25kHz to 50MHz
- Sampling frequency for repetitive signals: 1GHz

Spectrum analyzer:

- Frequency range: 1.2kHz to 25MHz
- FFT resolution: 2048 lines
- · FFT input channel: CH1 or CH2

Transient recorder:

- · Timescale: 20ms/Div to 2000s/Div
- · Max record time: 9.4 hour/screen
- · Min./Max. number of samples: 20/s; 100/s

System requirements: IBM compatible PC, Windows® 98SE or later, SVGA display card, USB port

Includes: PC oscilloscope, 2 x 60MHz scope probes, USB cable and CD-ROM

Part No.	Mfr. Part No.	1	5
695017	PCSU1000	\$499.95	\$459.95

More Products Available Online at Jameco.com

Modular Oscilloscope Probes



· Hook and pointed probes

* Web Code: RAC

- · 216047/236777: with IC test ground cover and spring ground contact
- Maximum input volt.: 600V · Length: 5'
- Alligator clip ground wire BNC male connector

	Bandwidth (±3dB)		Impedar	nce (R/C)*
	Attenuation		Atten	uation
Part No.	х1	x10	х1	x10
22892	6MHz	60MHz	1MΩ/180pF	10MΩ/22pF
216047	6MHz	100MHz	1MΩ/47pF	10MΩ/16pF
236777	6MHz	250MHz	1MΩ/47pF	10MΩ/14pF

with 20pF oscilloscope input

Part No.	Cross Ref. No.	1	10	50
22892	LF101E ₹	\$24.95	\$22.49	\$19.95
216047	HF-9100	29.95	26.95	23.95
236777	HP-9250	39.95	35.95	31.95

Cope Probes MASTER Oscilloscope Probes

Designed for use with Tektronix and Hewlett Packard oscilloscopes.

- · 3 position switch: x1, ref, x10
- Bandwidth @ 3dB: 10MHz (x1); 150MHz (x10)
- Loading: 57pF, $1M\Omega$ (x1); 15pF, $10M\dot{\Omega}$ (x10)
- · Low-resistance gold contacts
- · Cord length: 5'

212257 174473: 7-piece kit 212257: 25-piece kit

Part No.	Mfr. Part No.	1	1
174473	4901-02 (150MHz)	\$49.95	\$44.9
212257	4915A (250MHz)	159.95	144.9

*More Probes Available Online — Enter Web Code RAC

E PROBE MASHED Probe Kit

- Rating: 1000V 10A
- · Gold tips and contacts
- Electronic deluxe probe kit includes leads with shrouded right angle banana plug, probes, sprung hook probes, alligator clips, spade



174473

lugs, extender probes, minigator leads, .025" wire wrap leads, pico hooks and pincer hooks

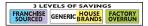
Part No.	Description	1	10
212249	High voltage test probe	\$79.95	\$72.95

Pomona. 100MHz Probe Set

- Complete accessory kit included
- Attenuation: x1/x10
- Bandwidth: 15/100MHz (-3dB)
- Rise time: 23.33/3.5ns
- Input resistance: $1/10M\Omega$ · Capacitance: 64/10.5pF
- Compensation range: 10~60pF
- 48" cable

Part No.	Mfr. Part No. 1	10
156451	4550B \$59.95	\$53.95

* For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



well-mount

Web Code: RCG

20MHz 2-Channel Analog Oscilloscope

- · 6" rectangular screen with internal graticule and scale
- · Vertical deflection: 1mV/div to 1V/div (5MHz, 3dB) x 5 gain selected



- Horizontal deflection: 0.1µs/div to 2.0s/div in 1-2-5 sequence, 23 steps
- Max. input voltage: 400V (DC + AC peak)
- Input voltage: 115/230VAC w/ line voltage selector ADD function measures sum of two signals
- Size: 12.8"W x 15.7"D x 5.2"H Weight: 16.8 lbs.

Includes: Two (X1/X10) test probes, power cord & manual

Part No.	Product No. 1	5
685311	SK0200\$ 429.95	\$399.95

20MHz Dual Trace Oscilloscope with Alt-Mag

- · 3.15" x 3.94" CRT with internal graticule & scale
- · Vertical amplifier: 5m/DIV to 5V/DIV in 10 steps
- (1-2-5 sequence) · Horizontal sweep: 200ns/Div
- to 0.5s/Div in 20 steps (1-2-5 sequence) External trigger input: impedance – $1M\Omega \pm 5\% + 20pF$ capacitance
- maximum input voltage 160V (DC or AC peak) · Z axis modulation: 5Vp-p sensitivity; maximum
- input voltage 50V or ACp-p • Input voltage: 120VAC or 220VAC @ 50/60Hz
- Size: 12.5"W x 15.75"D x 5.1"H Weight: 16 lbs.

Part No.	Mfr. Part No. 1	5
1536801	PROTEK 6020\$368.95	\$349.95

30MHz Dual Trace Oscilloscope w/ LCR Component Tester

- 3.15" x 3.94" CRT with graticule and scale
- Vertical amplifier: 5mV/DIV to 20V/DIV in 12 steps (1-2-5 sequence)
- · Horizontal sweep: 100ns/DIV to 0.2s/DIV in 20 steps (1-2-5 sequence)
- Triggering: external trigger input – $1M\Omega \pm 5\%$ impedance; maximum input voltage – 4-p)

INSTEK

- Input voltage: 120VAČ or 220VAC @ 50/60Hz • Size: 12.2"W x 16.45"D x 5.1"H • Weight: 14.3 lbs.
- Mfr. Part No. Part No \$459.95 \$439.95 1536819 PROTEK 6030

*Function Generators — Enter Web Code DEJ

40MHz Multifunction Oscilloscopes w/ Built-In 5MHz Function Generator

2 in 1

Oscilloscope:

· 6" rectangle high resolution CRT





- Max signal input volt.:
- 400V (DC and AC peak)
- Input voltage: 100/120/220/240VAC @ 50-60Hz
- Size: 15.7"L x 12.8"W x 5.2"H Weight: 26 lbs.
- · Two-year manufacturer's warranty

1586200: w/ built-in 60MHz auto-detect counter Function generator:

- Frequency range: 0.5Hz to 5MHz (6 ranges) · Output waveforms: sine, triangle, square
- Output impedance: 50Ω
- Output volt: 20Vp-p (no load), 10Vp-p (w/ 50Ω load)
- See <u>www.Jameco.com</u> for additional specs.

Part No.	Product No. 1	5
1536886	SK0404 \$599.95	\$539.95
1586200	SK0409 799.95	739.95

100MHz Analog Oscilloscope

- · 2-channel dual trace
- Auto focusing according to • Delay line intensity • Dela Weight: 22.8 lbs.

Protek

Two-year warranty Size: 16.9"L x 12.6"W x 5.5"H

Includes: Two (X1/X10) 100MHz **② €Z DIGITAL** probes, power cord, and operations manual

Part No.	Product No. 1	5
121179	OS5100 \$999.95	\$964.95

2MHz & 3MHz Function **Generators w/ Frequency Counter**

Function Generator

- Waveforms: sine, triangle, square, TTL and CMOS output
- Output amplitude: >10Vp-p into 50Ω load
- Output impedance: $50\Omega \pm 10\%$ DC offset range: <-5V to >+5V
- into 50Ω load

Frequency Counter

- Input voltage: 115/230VAC @ 50-60Hz
- Weight: 4.4 lbs. · Two-year warranty

229251: • 4-digit LCD display

- Ranges: 0.2Hz to 2MH Size: 9.1"W x 11.0"D x 3.7"H 229260: • 6-digit LCD display with ramp · Ranges: INT/EXT switch, 0.3Hz to 3MHz internal
- and 5Hz to 150MHz external; resolution of • Size: 9.9"W x 11.5"D x 3.6"H 10nHz to 0.1Hz

Includes: Power cord, operations manual and leads

Part No.	IVIII. Part NO.	Description		3
229251	GFG-8020H	2MHz	249.95	\$229.95
229260	GFG-8216A	3MHz	299.95	269.95

229251

150MHz 2-Ch Digital Oscilloscope

Color and Monochrome with RS-232/USB/ Parallel Interfaces

- Bandwidth (-3dB): 150MHz 15 memory settings FFT function
- · Real-time sample rate: 100MS/s maximum on each channel;
- equivalent: 25GS/s · 2 channels with 8-bit vertical resolution
- Record length 125k/CH · Auto set vertical, horizontal, and trigger level
- Vertical sensitivity: 2mV/div 5V/div Input voltage: 100-240VAC @ 50-60Hz
- Time base range: 1nS/div 10S/div Color with RS-232/USB/parallel interface
- Trigger sensitivity: DC 25MHz: 0.35div or 3.5mV;25MHz 150MHz: 1.5div or 10mV
- Frequency counter: 6 digits ±50ppm; AC coupled, 10Hz – 150MHz • Size: 12.2"W x 10.0"D x 5.6"H
- · Weight: 9.3 lbs. Two-year warranty
- Includes: BNC cable, power cord & operations manual Part No. Product No.
 - Price

3MHz Function Generator with **Positive and Negative Pulses**

- · 6 waveforms: sine, square, triangle, ramp, positive pulse and negative pulse
- Input voltage: 110VAC
- Output impedance: 50Ω ±2%
- Knob selector switches for waveforms and frequency ranges
- · Size: 10.5"W x 11.2"D x 3.9"H
- · Frequency range: 0.5Hz to 3MHz in 6 ranges via rotary switch · Weight: 6.6 lbs.

Part No.	Product No. 1	5
685329	SK3000\$229.95	\$209.95

5MHz Function Generator

- · Waveforms: sine, square,
- triangle and ramp
- 0.5 to 5MHz
- · 100% DC offset · Variable duty cycle
- Output impedance: 50Ω
- Coarse and fine tuning
- Size: 10.4"W x 11.7"D x 3.4"H
- · Weight: 6.2 lbs.

Part No.

160469

· Two-year warranty



wellement

2.4GHz 2-Channel **Frequency Counter**

- · 8-digit green LED display with annunciators
- Adjustable range and gate time
- Frequency ranges: 0.01Hz to 2.4GHz
- · Gate time: 100msec to 10sec
- Channel A: DC coupled 0.01Hz to 100Hz;
 AC coupled 100Hz to 50MHz, sensitivity – 80 mVrms, $1 \text{M}\Omega$ impedance
- Channel B: frequency range: 50MHz to 2.4GHz, sensitivity – 50mVrms, 50Ω impedance
- Power supply: 120 to 220VAC
- Size: 10.6"W x 8.5"D x 3.9"H Weight: 3.5 lbs.

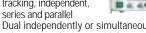
Part No.	Mfr. Part No.	1	5
1955968	DVM13MFC2U	\$169.95	\$157.95

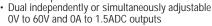
Part No.

EXTECH Dual Tracking, Triple Output **Linear DC Power Supply**

Four Mode 60V/1.5A DC Regulated

- Input voltage: 110 or 220VAC
- Four modes of operation: tracking, independent,

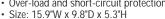




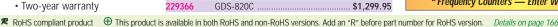
- Outputs of up to 120VDC in series mode or 3ADC · Dual 4-digit LED displays in parallel mode
- Variable auxiliary metered output (1.5V to 6.5V) for power circuits of up to 5A
- Constant voltage and current mode

Product No.

· Over-load and short-circuit protection



382285 *Frequency Counters — Enter Web Code VCG





Price

\$499.95





Benchtop & Precision Power Supplies

side of the tester

ATX Power Supply Tester

4-pin HDD connector, floppy drive connector, and

*Benchtop Power Supplies — Enter Web Code SAX

Our enhanced website offers over

a hundred thousand data sheets and

photos to assist you in finding the products you need.

P4 connector on the other side of the tester

LED indicators for ATX power supply

outputs to indicate pass or fail

-5V, -12V and PG outputs

20-pin ATX connector on one

Description

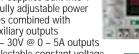
ATX power tester

Tests +3.3V, +5V, +12V, +5VSB,

Quad Output DC Power Supply

4-in-1 Power Supply

 4 power supplies built into 1 - two fully adjustable power supplies combined with two auxiliary outputs







- 3 to 6.5V @ 3A fixed; 8 to 15V @ 1A fixed
- Output up to 60V in series mode; 10A in parallel mode
- Overload and short-circuit protection
- Load/line voltage regulation: <1 x 10⁴ + 3mV
- Load/line current regulation: <2 x 10⁴ + 3mV
- Ripple and noise: <0.5mV/rms
- Input voltage: 100 to 240VAC @ 50/60Hz
- Size: 6.3"H x 10.2"W x 14.5"D Weight: 26.5 lbs.

Part No.	Mfr. Part No.	1	5
1939618	382270\$449	9.95	\$429.95

200W Programmable Switching **Power Supplies with PC Interface**

- · Voltage regulation: 10mV load; ≤0.05% line
- · Current regulation: 5mA load; ≤0.05% line
- · Output ON/OFF control
- Ripple: ≤20mV_{RMS}; ≤10mA_{RMS} · Overvoltage/overcurrent/overpower/
- · Weight: 8.8 lbs. overtemperature protection
- Standard RS-232C 9-pin female interface
- Input voltage: 115/230VAC @ 50-60Hz
- Size: 8.9"W x 12.0"D x 3.9"H
 Two-year warranty Includes: Power cord, operations manual & test leads

Part No.	Mfr. Part No.	Description	1	5
229323	PSP-2010	0-20V @ 0-10A	\$289.95	\$269.95



900W Output Switching Mode DC Power Supply

Remote Control Operation

· Constant voltage and current with high load/line regulation and low noise/ripple



- Ripple and noise: <5mVrms
- 10-turn potentiometers provide precise output voltage and current control
- · Remote sensing for applications that require precise voltage at the point of application
- Overload, overtemperature and short-circuit protection
- Output voltage and current: 1 30VDC @ 1 to 30A
- Load voltage/load current regulation: 0.1%/0.2%
- Input power: 100 to 240VAC @ 50-60Hz
- Dual 4-digit LED displays
- Basic accuracy: ±0.5%
- Size: 13.4"W x 3.8"H x 9.3"D Weight: 13.2 lbs.

Part No.	IVIII . Pai	t NO.		<u>ə</u>
1939626	382290	\$	749.95	\$699.95

EXTECH

80-Watt Switching Mode DC Power Supply

3-in-1 DC Power Supply

- Input voltage: 90-264VAC @ 47-63Hz
- · Constant voltage and current
- Basic accuracy: ±1%
- Ripple and noise: <30mVp-p
- · Line regulation: <4mV
- Load regulation: <20mV
- · Dual 4-digit LED display
- 3 ranges: 0 16.4V @ 0-5.1A; 0 27.6V @ 0 - 3.1A; 0 - 36.8V @ 0 - 2.3A
- Remote sensing for accurate applied voltage Front and rear output terminals at load point Size: 13"H x 5"W x 2.1"D Weight: 4.2 lbs.

Part No.	Mfr. Part No.	1	5
1939600	382260	\$270.05	\$230.05









45W to 600W Benchtop Power Supplies

Part No.

1928450

- · Voltage and current adjustable
- Current restricted and short-circuit protection
- Input voltage: 115/230 ±10% VAC

Digital display power supplies

- Voltage accuracy: 1% + 2 digits
- · Current accuracy: 1.5% + 2 digits

Analog display power supplies • Accuracy: 2.5%









\$14.95

\$12.95

Single Output

Par	t No.	Mfr. Part No.	Displays	Power (W)	Voltage (VDC)/Current (A)	Size (W"xH"xD")	Wt. (lbs.)	1 5
301	1920	HY1503C	2-Analog	45	15/3	3.8 x 6.3 x 9.1	9 \$99. 9	95 \$89.95
301	1866	HY3003D ⊕	2-Digital LCD	90	30/3	5.4 x 6.2 x 11.5	10 159. 9	95 135.95
207	7618	HY3005C ⊕	2-Analog	150	30/5	5.4 x 6.2 x 11.5	14 159 .9	95 135.95
207	7626	HY3010C ⊕	2-Analog	300	30/10	10.4 x 6.5 x 14.4	31 299. 9	95 269.95
207	7635	HY3010 ₹	2-Digital LED	300	30/10	10.4 x 6.5 x 14.4	31 319 .9	95 289.95
207	7686	HY3020₹	2-Digital LED	600	30/20	10.4 x 6.5 x 14.4	42 499. 9	95 449.95
207	7694	HY5002 ₹	2-Digital LED	100	50/2	5.4 x 6.2 x 11.5	13 179. 9	95 159.95
301	1911	HY3005D	2-Digital LCD	150	30/5	5.4 x 6.2 x 11.5	13 199 .9	95 179.95
207	7706	HY5003	2-Digital LED	150	50/3	5.4 x 6.2 x 11.5	13 219 .9	95 199.95
207	7600	HY5005	2-Digital LED	250	50/5	10.4 x 6.5 x 14.4	17 279 .9	95 249.95

Multiple Output

Part No.	Mfr. Part No.	Displays	Power (W)	Voltage (VDC)/Current (A)	Size (W"xH"xD")	Wt. (lbs.) 1	5
211722	HY3002-2 ₹	2-Digital LED	120	0-30/2; 0-30/2	10.4 x 6.5 x 14.4	23 \$219.95	\$199.95
211705	HY3002D-2	4-Digital LCD	120	0-30/2; 0-30/2	10.4 x 6.5 x 14.4	23 239.95	219.95
211693	HY3003D-2 ₹	4-Digital LCD	180	0-30/3; 0-30/3	10.4 x 6.5 x 14.4	28 299.95	269.95
211731	HY3003-2 ₹	2-Digital LED	180	0-30/3; 0-30/3	10.4 x 6.5 x 14.4	28 299.95	269.95
211713	HY3003-3	2-Digital LED	195	0-30/3; 0-30/3; 5/3	10.4 x 6.5 x 14.4	29 299.9 5	269.95
211684	HY3003D-3	4-Digital LCD	195	0-30/3; 0-30/3; 5/3	10.4 x 6.5 x 14.4	29 329.9 5	299.95
301947	HY3005D-2 ₹	4-Digital LCD	300	0-30/5; 0-30/5	10.4 x 6.5 x 14.4	26.5 339.95	309.95
301955	HY3005D-3 ₹	4-Digital LCD	315	0-30/5; 0-30/5; 5/3	10.4 x 6.5 x 14.4	29 379.9 5	339.95
301938	HY3005	2-Digital LED	315	0-30/5; 0-30/5; 5/3	10.5 x 6.5 x 14.3	10 199.9 5	179.95
301962	HY5003-2	2-Digital LED	300	0-50/3; 0-50/3	10.4 x 6.5 x 14.4	26 289.9 5	259.95

13.8VDC Precision Regulated Power Supplies · Illuminated rocker switch

- Heavy duty 5'8" 3-prong power cord
- · Short-circuit protected Output mating terminals: see pg 60 for cigarette plugs & pg 143 for banana terminal plugs
- Fuse protected







138668 Banana terminal (rear)

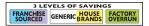


Part No.	Manufacturer	Mfr. Part No.	Power (W)	Output Volts@Curr.	Input Voltage	Output Terminals	Size (L" x W" x H")	Wt. (lbs.)	1	10	25
1918745	Samlex	SPS-1204UL	46.2	13.2VDC @ 3.5A	120VAC @ 60Hz	Cigarette plug / terminals	5.2 x 4.0 x 2.0	2.0	\$39.95	\$35.95	\$32.95
136581	Samlex	RPS1207#	96.6	13.8VDC @ 7A	115VAC @ 60Hz	Banana terminals	8.7 x 5.7 x 3.6	8.5	69.95	59.95	54.95
138668	Various	38-381 🕿	138.0	13.8VDC @ 10A	115VAC @ 60Hz	Banana terminals (rear)	7.0 x 6.6 x 4.3	10.0	69.95	62.95	56.95
138676	Various	52-192012	276.0	13.8VDC @ 20A	115VAC @ 60Hz	Banana terminals	10.0 x 7.8 x 4.4	15.9	109.95	94.95	84.95

1918745

P/N 136581 includes overheating protection

For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



· Constant voltage & current operation

LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE FACTORY OVERRUN

150-Watt Power Supply

50VDC @ 3A

- Adjustable voltage/current outputs
- 3A @ 115V fuse
- Input voltage: 110VAC @ 60Hz
- Color-coded terminals for ground, positive and negative terminals
- Color-coded adjustment knobs for voltage, current and fine adjustment
 One-year warranty

Part No.	Description	Color	Size (L"xW"xH")	Wt. (lbs.)	1	5
163723	50VDC @ 3A	Dark gray	9.0 x 4.75 x 7.5	12.3	\$129.95	\$115.95

150 to 250-Watt Analog Power Supplies

- Color-coded adjustment knob and output terminals for voltage
 Built-in fan
- Voltage and current panel meter · Constant voltage and current operation

175265: 15VDC @ 10A, 150-Watt

- · Output current: 15A max.
- Input voltage: 110VAC @ 60Hz
- · Overvoltage, overcurrent, short-circuit protection
- Cigarette lighter plug for current output LED indicator for power and warning

175257: 15VDC @ 15A, 225-Watt

- Output current: 25A max. (22A continuous @ 13.8VDC)
- LED indicator for power and warning

Input voltage: 110VAC/220VAC @ 47-63Hz (switchable)

- 175249: 50VDC @ 5A, 250-Watt
 - Input voltage: 110VAC @ 50-60Hz
- · Isolated ground

Overvoltage protection @ 16.5V

Short-circuit protection @ 27.5A

· Cigarette lighter plug for current output

5	1_	Wt. (lbs.)	Size (L" x W" x H")	Output Voltage	Product No.	Part No.
\$129.95	\$149.95	12.0	5.7 x 6.2 x 4.0	2-15VDC	DPS150A	175265
129.95	149.95	3.8	5.6 x 6.2 x 4.0	9-15VDC	SPS250A	175257
159.95	179.95	13.8	4.9 x 7.7 x 6.7	0-50VDC	DPS5050	175249

30 & 54-Watt Digital **Benchtop Power Supplies**

· Single output

5A @ 250V fuse

- · Adjustable voltage output: 645600 = 0-30V 681221 = 0-18V
- · Adjustable current output: 645600 = 0-1A; 681221=0-3A
- · Max. display resolution: 0.1V/10mA
- Color coded banana plug output jacks
- Input voltage: 120VAC @ 60Hz
- Size: 9.4"H x 4.3"W x 6.1"D

Part No.	Mfr. Part No.	Wt. (lbs.)	1	5
645600	382200 (30W)	4.4 \$129.	95	\$123.95
681221	382202 (54W)	6.6 138 .	95	134.95



30-Watt Digital **Benchtop Power Supply**

- Single output.adjustable
- from 1.5 VDC to 30 VDC Compact design
- · Output terminals
- Input volt.: 85-264VAC @ 47-63Hz
- Large digit backlit display Fixed current output
- Overload and short-circuit protection
- Size: 5.5"L x 5.2"W x 1.6"H · Weight: 1.2 lbs.
- Part No. Mfr. Part No.





90-Watt Digital **DC Power Supply**

- 30V @ 3A · Input voltage:
- 110/220VAC @ 50-60Hz Resolution: 1% ±1 digit accuracy
- Constant voltage and current operation

	Size: 5.1"W x 10.1"D x 5.9"H						
Part No.	Product No.	1	5				
489184	DRP-303D	. \$199.95	\$189.95				

100-Watt Triple Output Digital and Analog DC Power Supplies

30VDC @ 3A

- · Triple output with fixed 5VDC @ 0.5A, 12VDC @ 0.5A
- Adjustable 0 30V voltage and 0 - 3A current outputs
- Input voltage: 110/220VAC @ 50-60Hz (switchable)
- · Constant voltage or current
- · Current limiting indicator
- · Displays of both voltage and current
- Overload and short-circuit protection
- Binding post terminals for variable supply
- Size: 9.5"L x 6.0"W x 5.6"H
 Weight: 10.0 lbs.

197991 Digital DC	\$173.95	\$166.95
197982 Analog DC	159.95	139.95

108-Watt Desktop Power Supply

- Load reg.: ±2%
- Input voltage: 88-132VAC/176-264VAC @ 47-63Hz (switch selectable)
- Short-circuit/overload/ overvoltage/
- overtemperature protection
- Efficiency (typical): 81%
- Ripple and noise max.: 120mVp-p
- Voltage adjustment range: 12VDC to 15VDC
- · Front panel on/off switch and 3 color LED loading indicator
- Back panel 3-prong AC receptacle and banana plugs
- Line regulation: ±5%
- Size: 5.9"W x 5.5"D x 3.3"H · Weight: 3.3 lbs.

Part No.	Mfr. Part No.	1	10
673230	ESP-120-13.5 🕿	\$59.95	\$53.95
*Ben	chtop Power Supp	lies — Enter Web Code	SAX

Hygro-Thermometer

Simultaneous display of temperature & humidity

- Attractive design for desktop or wall mounting
- Max/Min memory w/ reset
- Dual indoor/outdoor displays
- Switchable °C or °F temp. units Remote outside sensor on 35" cable
- Size: 4.3"W x 3.9"W x 0.8"Thick
- Humidity range: 0 99% RH w/ basic accuracy of ±5%
- Temperature range: 14°F to 140°F (-10°C to 60°C)

Part No.	Mfr. Part N	0. 1	5
1939634	445713	\$44.95	\$39.95

EXTECH

175249

197991

EXTECH

Pocket IR Thermometer with Laser Pointer

The pocket IR thermometer measures the surface temperature of objects which are difficult to reach or unsafe to contact

- *F/*C switchable
- · 6:1 field of view
- Temperature range: -58°F to 518°F (-50°C to 270°C)
- Built-in laser pointer to improve aim
- Data hold/max hold Size: 3.8"L x 2.0"W x 0.9"D

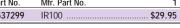
Includes: 2 AA batteries

Part No.	Mfr. Part No. 1	5
219361	IR-201\$ 59.95	\$56.95

EXTECH Mini IR Thermometer

- · Field of view: 1:1
- Temperature range: -31°F to 446°F (-35°C to 230°C)
- Maximum resolution: 0.1°F/°C · Fixed emissivity covers 90% of surface applications

1527200	ID100
Part No.	Mfr. Part No.
• SIZE. 3.0	0 L X 1.0 W X 0.7 D



Combination Tachometer + IR Thermometer

- · Built-in IR thermometer with laser measures remote surface temperature
- Temp. ranges: -4°F to 600°F (-20°C to 315°C)
- Fixed 0.95 emissivity, 6:1 distance to target ratio
- Provides wide RPM (photo/contact) and
- linear surface speed (contact) measurements Size: 8.5"L x 2.6"W x 1.6"D

Includes: Tips/wheels, four 1.5V AA batteries, reflective tape, and carrying case

Part No. Mfr. Part No.

1939731 RPM10 \$289.95 \$269.95

Infrared Thermometer Provides quick non-contact tempera-

- ture measurement in a compact case surrounded with a protective holster.
- · Large dual display LCD display Laser beam provides easy targeting
- Store and recall any single temp.
- Temp. range: -40° to 500°C Res.: 0.1° up to 200°, 1° over 200°
- Optical res.: 8:1 distance to spot size ratio Includes: Soft carrying case, batteries & instructions









An affordable HDTV test pattern

generator that delivers accurate test

patterns. Displays the most popular

1280 x 720 60p, 704 x 480 60p, NTSC,

· S-video (SVHS) 5-pin DIN connector

Description

Designed for home inspection

and hot water system issues.

MO280 Pinless Moisture Meter

Measurement depth to 0.75"

(22mm) below the surface

ET10 GFCI Receptacle Tester

Lights indicate circuit condition

· Ideal for testing hot water heaters

· 2.75" (70mm) stainless steel stem

Mfr. Part No.

Provides all the electrical

with 11 functions, 42510

Mini IR themometer and

testing needs for installation

and repair. This kit includes:

EX430 True RMS Multimeter

MA200 400A AC clamp meter.

Mfr. Part No.

· Large 2,000 count LCD display

with 0.1Ω resolution

Overload & low battery indication

Resistance ranges: 200Ω to $20M\Omega$

39240 Waterproof Stem Thermometer

· Displays % moisture from 0 to 9%

42500 Mini IR Thermometer w/ Laser Pointer

Measures from -4°F to 500°F (-20°C to 260°C)

Tests for faulty wiring in 3-wire receptacles and

Measures from -40°F to 392°F (-40°C to 200°C)

MO280-KH

Industrial Troubleshooting Kit

Includes: Test leads, K-type thermocouple bead probe,

· Non-contact volt detection w/ visible & audible alarm

AC/DC voltage ranges: 200mV to 600V with 0.1mV res.

Non-contact voltage range: 50VAC to 600VAC

• Size: 8.2"L x 1.5"W x 1.1"D • Weight: 0.3 lbs.

Includes: Test leads with alligator clips, two 1.5V

TK-430-IR**\$199.95 \$179.95**

Pen DMM with Non-

Contact Voltage Detector

Type K to banana input adapter, multimeter hanging

straps & batteries. • Size: 9.5"W x 2.8"D x 6.8"H

Detects 5 wiring faults

\$199.95 \$169.95

professionals to aid in identifica-

tion of moisture, HVAC, electrical

formats including 1920 x 1080 30i,

• Y output: 1Vp-p into 75Ω

Red LED power indicator

Patterns: SMPTE bars, PLUGE,

PAL & SECAM.

Part No.

681504

EXTECH

Kit includes:

GFCI circuits

Part No.

1939669

Part No.

1939749

EXTECH

Handheld HDTV Pattern Generator

needle, color bars, cross hatch, DVD Aspect Ratio,

Requires: 9V battery (recommend 198731, pg 127)

HDTV pattern generator

Home Inspector Kit

raster, multiburst, focus, staircase, window, checker, overscan • Size: 5.6"L x 3.1"W x 1.1"H



EXTECH Digital Sound Level Meter

- Type 2 meter with manual data store; recalls up to 99 readings
- High accuracy
- AC/DC analog output
- · Wide decibel range: 40dB to 130dB
- · Max/min recording with elapsed time stamp
- A & C weighing
- Large 2000 count LCD display with analog bargraph
- 0.5" condenser microphone
- Size: 10.3"H x 2.6"W x 1.0"D

645642	407730 \$89.95	\$79.95
Part No.	Product No. 1	5

NEW

Digital Light Meter

- · Measures in Lux and footcandle ranges
- Range: Lux 0 50,000 Lux (3 ranges); footcandle -0 - 5,000 Fc (3 ranges)
- Analog output connectors for external recording
- · Separate light sensor for optimum location sampling
- 0.5" digit height
- Dimensions (sensor probe): 3.2"L x 2.2"W x 0.5"H
- Weight: 0.9 lbs.
 One-year warranty

Part No.	Description	1	5
131764	Digital light meter	. \$109.95	\$89.95

EXTECH Digital Psychrometer

- · Simultaneous display of % RH, temp. and dew point or wet bulb or probe temp.
- Temp. ranges: (internal) -4°F to 12ްF (-20°C to 50°C); (external) -4°F to 158°F (-20°C to70°C)
- · Temp. ranges: -90.4°F to 122°F (-68°C to 49.9°C)
- Wet bulb measurement ★ Web Code: LBC without slinging
- Calculates T1-T2 differential (air temp. minus external probe temp. using optional probe, P/N 1581151, see web)
- · Switchable °F/°C temp. reading
- Size: 7.0"L x 1.9"W x 1.0"D

Part No.	Mfr. Part No. 1	5
1581142	RH300\$ 79.95	\$74.95

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90

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* Thermometers— Enter Web Code CEL

Mini Thermo-Anemometer

EXTECH

- 0°F to 122°F (-18°C to 50°C)
- · Measures wind speed in ft/min., MPH, m/s, km/h, knots and Beaufort force
- · Large dual display for air velocity and temperature
- Water resistant housing floats and drop tested to 6'

Includes: CR2032 lithium battery and lanyard

Part No.	Mfr. Part No. 1	5
218085	45118 \$99.95	\$89.95

*Environmental Meters — Enter Web Code LBC

All Jameco purchases are guaranteed for a full 90 days and even longer for Jameco House Brands.

EXTECH Carbon Monoxide (CO) Meter

Air Safety Checks in Industrial Environments

- · Ergonomic pocket size housing
- One button operation
- Easy to read 1999 count backlit display
- CO level reading range: 0 to 1000ppm with resolution of 1ppm
- Accuracy: 5% or ±10ppm
- Audible alarm starting at 35ppm with continuous beeping when above 200ppm Auto power off
- Max hold and data buttons
- Size: 6.3"H x 2.2"W x 1.6"Thick

Applications: Ambient air safety checks on residential appliances, HVAC service on furnaces and hot water heaters, home inspections, industrial environments where accumulation of CO is possible

Includes: 9V battery, protective rubber holster and carrying case

Part No.	Mfr. Part No.	1	5
1940248	CO10	\$199.95	\$189.95

RF EMF Strength Meter

- · High frequency measurement for EMF · For electromagnetic field strength measurement including mobile phones, cell phones, base stations, and microwave leakage
- Non-directional (isotropic) measurement w/ 3-channel (triaxial) measurement probe
- Max. hold and average functions
- · Manual store/recall up to 99 sets
- Sensor type: electric field
- Frequency range: 50MHz to 3.5GHz
- Level exceed audible alarm w/ user selectable threshold
- Units of measure: mV/m, V/m, μA/m, μW/m², mW/m², W/m², µW/cm², mW/cm²
- Measuring ranges: 20mV/m to 108V/m; 53µA/m to 286.4mA/m; 1µW/m² to 30.93W/m²; 0μW/cm² to 3.093μW/cm²
- Adjustable threshold with On/Off for audible alarm
- Size: 9.3"L x 2.4"W x 2.4"Thick

Part No.	Mfr. Part No.	1	5
1939642	480836 \$229	.95	\$209.95

Phone Line Tester

- Loop limit: 2kΩ max. @ 48VDC
- DC resistance (talk mode): 300Ω typical
- Monitor impedànce: 39kΩ nominal @ 1kHz
- Monitor amplifier: 9V transistor provides 25 hours continuous use Power source: shared line and battery
- power (9V) Auto power shut-off
- Size: 10.3"L x 2.8"W x 3.5"H

Part No.	Product No.	Price
673707	MT-8001	\$89.95

Tone Generator & Amplifier Probe

For Tracing Wires & Cables

· Tests wire trace, continuity, clear/busy/ringing line, tip/ring identification

- Insulated inductive probe tip prevents shorting conductors
- Selectable continuous or variable tone generation
- Output jacks for both headphones and handsets

Includes: Alligator test leads, modular phone connector cables, 9V battery, and carrying pouch Part No. Description

198002 Tone gen. & amp. probe \$79.95





\$72.95

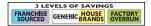
Part No. Mfr. Part No. 1537184 381676

AAA batteries, and carrying case 5 \$38.95 \$35.95

· Diode & continuity test

110

^rFor Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



FRANCHISE GENERIC HOUSE FACTORY OVERRUN

ZapChecker (RF Field Strength Meter)

Detect and measure all those weak radio signals on HF, VHF, UHF or Microwave frequencies. Ideal for discovering wireless bugs and covert cameras, the ZAPCHECKER also works well to help install wireless security systems and wireless computer networks by checking where the strongest signal is. ZC-300 includes a log periodic antenna for that extra boost in locating and measuring signals and a BNC connector if you choose to use other antennas.

- · Sensitivity control: 20dB, (10:1) signal control range
- · Detection modes: LINEAR for far-field detection of weakest signals: 12dB Sensitivity: 45µV
- Dynamic range: LOG for near-field localization without overloading: 60dB
- Dynamic range MID for intermediate detection and localization: 25dB dynamic range
- · Analog mode: for detecting and measuring continuously transmitted signals
- Digital mode: for detecting, identifying, and measuring digitally pulsed signals
- · Silent vibrator: intensity modulated, switch-enabled vibrator for mid to high level signals
- Approximately 80 hours of battery life (2 x AA bat.)
- LED display indicators
 Size: 2.1"W x 1.3"D x 5.0"H Mfr. Part No. Frequency Part No.

667817 ZC-300 1MHz-8GHz \$439.95 \$399.95

Cable Tester for Network & CATV

- · Automatically tests for continuity, miswires, open circuits, shortcircuits, and reversals
- · Test all common data including polarization & wiring configurations of Ethernet (BNC/TNC), token ring, 10-BaseT (UTP/STP), AT & AT258A, TIA568A/B, and modular cables
- · Test device used with UTP (unshielded twisted pair) and STP (shielded twister pair) wiring *Web Code: TBF
- Checks continuity and configuration of wiring with unshielded and shielded modular plugs
- · Shield detection tests a cable's shield integrity

Includes: Tester, remote terminator & BNC to F adapter

1928468 KT45\$39.95 \$35.95	Part No.	Product No.	1	10	
	1928468	KT45	\$39.95	\$35.95	



Kill A Watt™ Energy **Consumption Meter**

Kill A Watt allows you to measure how much energy appliances consume. Simply connect these appliances to the Kill A Watt™, and it will assess how efficient they really are. Large LCD display will count consumption by the Kilowatt-hour, same as your local utility. You can calculate your electrical expenses by the day, week, month, even an entire year. Also

- check the quality of your power by monitoring voltage, line frequency and power factor.
- · Cumulative Kilowatt-hour monitor
- Forecast your costs • 0.2% accuracy
- · Displays volts, amps, watts and Hz
- Operating voltage: 115VAC Large LCD display
- Max. power: 1875VA Max. current: 15Å
- Size: 2.4"W x 1.7"D x 5.1"H

Part No.	Mfr. Part No.	1	10
2075946	P4400 2	\$26.95	\$24.95

USB Data Loggers

- · Measures and stores up to 32,000 readings
- User programmable alarm thresholds
- Data can be graphed, printed, and exported to other applications
- Windows® 98/2000/ XP/Vista compatible software included

2076367: Temp., humidity & dew point data logger

- 2½-digit LCD display
- Data logger set-ups: logger name, *F/*C, logging rate (10s to 12 hrs), high & low alarms, start date and start time or pushbutton to start
- 2075989 2076009

2076367

* Web Code: LOG

- Temperature range: -31°F to 176°F (-35°C to 80°C)
- Relative humidity range: 0 to 100% RH
- Dew point indication via Windows® control software

2075989: Temperature data logger

- Data logger set-ups: logger name, *F/*C, logging rate (10s to 12 hrs), high & low alarms, start date and start time
- Temperature range: -31°F to 176°F (-35°C to 80°C)

- 2076009: Real time, temp. & humidity data logger Data logger set-ups: 'F/'C, high and low audible alarms with mute option, text message or email alert settings, and shows readings in toolbar
- Temperature range: -4°F to 158°F (-20°C to 70°C)
- Relative humidity range: 0 to 100% RH

Part No.	Mfr. Part No. 1	10
2076367	EL-USB-2-LCD ≈ \$96.95	\$94.95
2075989	EL-USB-1 2 63.95	61.95
2076009	EL-USB-RT 2 74.95	69.95

EXTECH

Humidity/Temperature Data Logger

* Web Code: LOG

· Simultaneous numerical and graphical LCD display of humidity and temperature readings, plus time and date



(-20°F to 140°F) plus included LabView™ based software that calculates and graphs dew point, wet bulb and GPP (grains per pound)

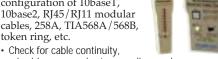
Internal memory records up to 49,000 data points & can be transferred to a PC via RS-232 serial port

Includes: Built-in stand, detachable probe with 1m (3ft.) cable, RS-232 cable, USB adapter, LabView based software, AC adapter, and 3 AA batteries

Part No.	Mfr. Part No	o. 1	Ę
2075866	RH520A₹	\$249.95	\$237.95

Modular Cable Tester

Easily read correct pin configuration of 10baseT, 10base2, RJ45/RJ11 modular cables, 258A, TIA568A/568B, token ring, etc.



miswiring, open, short, grounding, and pin configurations · One-year warranty

Cable adapters: RJ45 M-M, 2 RJ45M-BNCM & BNC F-F On-board conn.: 2 RJ45F (tester) & 1 RJ45F (remote)

Includes:	Manual and test cables	
Dart No	Description	

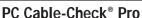
Part No.	Description		10
145710	Modular cable tester	\$75.95	\$65.95



Remote and Local **Continuity Tester**

- Local continuity checking is accomplished by a flashing LED and pulsating beeper
- Two lead, bi-color LED (red/green) is used on the remote probe that allows a single user to identify up to three wires or cables at a time
- Drives a 20mA DC current pulse through wires or cables under test for polarity identification





This powerful universal cable tester troubleshoots and maps 20 types of computer cables for opens, shorts, crosses, and good connections. Tests any combination of D-sub 9-pin, D-sub 15-pin, D-sub 25-pin, Centronics 36-pin printer, USB-A and USB-B, Mini USB, PS/2, RJ-11, RJ-45, BNC female-female cables and Firewire.



- Paladin Tools® Easy to read LED indicators
- · Auto power off, auto scan, and manual scan

Includes: 9V battery

Part No.	Mfr. Part No.	1	
652480	1577	. \$185.95	\$169.9

RS-232 Mini-Tester

Tests any RS-232 (DB25) interface and helps to identify equipment that has failed. Seven bicolor LEDs indicate the status of TD, RD, RTS, CTS, DSR, CD and DTR. Connectors: male to female DB25.





RS-232 Line Status Tester

Identifies simple interface problems which you can repair yourself. Targets the status of lines 2, 3, 4, 5, 6, 8, 11, 19, and 20. Connectors: male to female DB25.



Part No. Description 10 100 \$7.95 \$7.09 14285 Check line tester

RS-232 Signal Adapter/Splitter

· Metal connectors: DB25 female and male, and DB9 male

11181





Miniature RS-232 Breakout Box for Quick Design Changes

Design new interfaces or modify old ones quickly and easily. Completely self-contained. Connectors: male to female DB25.

Includes: 25 each 22 AWG wire jumpers and machine tool sockets Part No. Description

* Web Code: WCP Breakout box \$9.95 \$7.95

RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166







Manufacturer

Jameco BenchPro

Probe Master

Pomona

Various

Pomona

Pomona

Pomona

Pomona

Pomona

Keystone

Pomona

Pomona

Pomona

Pomona

Pomona

Pomona

Pomona





JAMECO BenchPro

\$14.75

17.95

17.95

4.65

24.95

4.65

3.75

5.45

26.95

36.95

7.95

8.95

5.95

13.69

7.59

9.95

38.95

10.65

23.95

3.95

10.39

3.95

3.95

10.95

4.55

11.45

9.39

11.65

.39

PROBE MASTER

Test Leads and Cables



Part No.

159871

159880

176971

11384

176954

11464

11422

256832

212222

174625

1945962

168516

77738

155951

77746

159901

156495

159919

77842

107423

159899

21857

21865

135299

10444

1582065

155985

155977

155969



Product No.

2249-C-36 🕿

2249-C-60 🕿

4532-C-36 8

GCA26-R ₹

5187-K-36 🗷

05-A-078-R 🕿

05-A-081-R 🗷

CBB-069 ₹

8043S

8150

TP-1

GA-5010

GF19-R ₹

5519A 🕿

FC-15B-R **₹**

B-24-02 🕿

5523-R 🕿

B-36-02 🕿

KLN-4-25/H-R ₹

3782-36-02-ROHS ₹

GCA340-R ₹

05-A-082-R 🗷

05-A-079-R **₹**

SF-207A-R ₹

GAL01

5012 🗷

2708B 🕿

4408 🕿

1508 🕿



Description

RG58 C/U, 50Ω BNC cable

RG58 C/U, 50Ω BNC cable

Female BNC to pigtail



BNC (RG58 C/U) to miniature test clips w/strain relief

Softie test probe leads (w/ 10 pcs interchangeable tips)

Protected probes w/ rt. angle banana screw-on alligator clips (2)

MiniGrabber™ test clip patch cord, 10-pc. assorted colors

Stackable banana to banana test leads, 10 pcs, 5 colors

Micro-tip test probe leads (w/ 10 plunger type tips)

Universal test lead kit w/ interchangeable tips

Protected banana style multimeter test leads

Standard banana style multimeter test probes

Double banana plug to alligator clip test leads

Mini-clip to stackable banana test leads, black

Alligator clip test leads, 10-pc. assorted colors

Mini-clip to stackable banana test leads, red

Mini-clip w/ stackable banana test leads

Banana plug to probe, Insulated leads

Stackable banana patch cord

Stackable banana patch cord

Mini-clip test leads, 5 colors

Looped color coded test point

10 slot test lead holder (black)

9 slot test lead holder (blue)

BNC (RG58/U) to Alligator clip test cable

BNC (RG174) to Mini-clip test cable

BNC (RG174) to Micro-clip test cable

BNC (RG174/U) to MiniGrabber™ test leads





Size (L")

60

36

23

36

39

39

7

39

39

40

36

40

48

42

24

24

36

9.8

36

36

39

39

14

15

0.5

11

11



25

\$12.95

16.55

16.95

22 95

3.69

2.59

4.45

24.95

31.95

6.25

5.85

4.85

6.25

8.35

35.95

8.49

19.95

3.19

9.49

2.95

2.95

8.95

3.69

.19

10.19

8.39

10.25

11.59

2.95

10

\$13.95

17.19

17.49

3.95

23.95

3.95

3.19

4.95

25.95

33.95

6.95

7.35

5.35

11.95

6.95

8.85

36.95

9.59

20.95

3.55

9.95

3.55

3.55

9.95

4.09

.29

10.45

8.75

10.65





* Web Code TLC













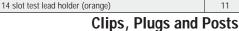








* Web Code TLC

























Part No.	Manufacturer	Product No.	Description	Size (ins.)	1	10	100
1582170	Keystone	6091 🕿	Chassis mount banana jack, red, 0.182" solder tab	.937 L x .433 Dia.	\$1.15	\$1.09	\$.99
1582188	Keystone	6092 🗷	Chassis mount banana jack, black, 0.182" solder tab	.937 L x .433 Dia.	1.15	1.09	.99
256779	Jameco BenchPro	R1-17-BLK-R ₹	Panel mount tip jack; 1/4"-32 thread, black (10 pc. pkg)	.988 L x .29 Dia.	7.95	6.95	5.95
263864	Jameco BenchPro	R1-17-RED-R ₹	Panel mount tip jack; 1/4"-32 thread, red (10 pc. pkg)	.988 L x .29 Dia.	7.95	6.95	5.95
71240	Jameco BenchPro	GIP-003-R ₹	1" screw type binding post, chassis mount	1.0 L x .50 Dia.	1.09	1.05	.90
77691	Jameco BenchPro	GIP-001-R ₹	1 3/4" screw type binding post, chassis mount	1.8 L x .50 Dia.	1.55	1.45	1.35
11440	Jameco BenchPro	03-701A-R 🕿	BNC female to standard double banana plug	2.03 L x 1.7 W	5.95	5.39	4.95
125225	Jameco BenchPro	GB2BR2	BNC male to standard double banana plug	2.21 L x 1.8 W	5.95	5.39	4.95
125233	Jameco BenchPro	GB1BN2	BNC female to double binding/banana posts	2.14 L x 1.8 W	4.95	4.45	3.95
99355	Jameco BenchPro	_ ?	BNC male to double binding/banana posts	2.35 L x 1.7 W	4.95	4.45	3.95
159863	Pomona	1825-02 🗷	Solderless banana plug with safety collar (set of 2)	4.59 L x .39 Dia.	2.95	2.75	2.69
159855	Pomona	1325-02 🗷	Solderless banana plug with set screw (set of 2)	1.55 L x .44 Dia.	2.95	2.75	2.69
159927	Pomona	MDP-02 ₹	Double banana plug w/ wire guide (set of 2)	1.55 L x 1.18 W	4.95	4.65	4.59
125197	Jameco BenchPro	GBRR2-R ₹	Screw mount double binding/banana post	1.6 L x 1.4 W	3.95	3.45	3.19
125210	Jameco BenchPro	GBRR4-BLK-R ₹	Stackable double banana plugs, black	1.59 L x 1.20 W	2.95	2.65	2.35
125218	Jameco BenchPro	GBRR4-RED-R ₹	Stackable double banana plugs, red	1.59 L x 1.20 W	2.95	2.65	2.35
114810	Jameco BenchPro	G2P004-R ₹	Mini test clip (set of 2)	1.75 L	1.59	1.45	1.29
114818	Jameco BenchPro	G2P002-R ₹	Mini test clip (set of 2)	3.5 L	1.95	1.65	1.35
153163	Jameco BenchPro	SF-207-BL-R ₹	Micro test clip, blue	1.6 L	.95	.85	.75
72195	Jameco BenchPro	GBP205-R ₹	1 9/16" set screw banana plug (set of 2)	1.6 L x .40 Dia.	1.59	1.45	1.25
137526	Jameco BenchPro	HP-2234P-R ₹	2 1/4" set screw banana plug (set of 2)	2.3 L x .30 Dia.	2.99	2.49	1.99
70991	Jameco BenchPro	GIP006-R ₹	Insulated alligator clips (set of 2)	2.3 L x .50 W	.55	.49	.39
248921	Jameco BenchPro	SF101CP-R ₹	Mini alligator clip, solder/crimp	1.2 L x .30 W	.49	.45	.39
256525	Jameco BenchPro	SF105B-R ₹	Alligator clip, barrel/screw	1.9 L x .20 Dia.	.59	.55	.49
248972	Various	SF103SV-RD-R ₹	Red insulator sleeve for PN 256525	1.9 L x .20 Dia.	.35	.29	.25









72195



137526



^{*}For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above

- 5-piece file set

- Alignment tool

- 3-prona holder

- Utility knife (3 blades)

- Adjustable wrench

Soldering stand

Flashlight

Solder pen

Storage box

Cutters

Tape

- Brush

- Flashlight

- Hammer

- Scissors

- Part tube

- Tweezers

3 LEVELS OF SAVINGS RANCHISE GENERIC HOUSE OVERRUN

- Multimeter

- 2 Needle files

- Brush

JAMECO"

52-Piece Master **Electronics Tool Kit**

Simply every tool needed for field repair or installation. All in a handsome lockable case, with room for spare parts or special equipment.

- · Kit includes:
 - 7 pliers
 - Storage box Wrench
 - 3-piece soldering aid kit
 - Soldering iron with stand and sponge - 10-piece screwdriver set - Desolder wick
 - Brush - Crimping tool - 6-piece screwdriver set - Oil can
 - Desolder pump
- Testing screwdriver - IC extractor
- 7-piece hex set
- 6-piece wrench set - PVC insulated tape
- Solder core
- Heat sink - Measuring tape
- Carrying case has two removable pallets.
- adjustable compartments, and combination locks Size: 18.0"W x 13.0"D x 4.0"H
- · Weight: 16.0 lbs. Part No. Description

218245 52-piece electronic tool kit ... \$129.95 \$117.95



100-Piece Professional **Electronics Tool Kit**

Kit for field technicians and engineers!

- · Kit includes:
- Soldering iron - 12 screwdrivers
- 7-piece hex key set
- Extractor - 4 Pliers
- Crimper/Stripper
- 6-piece screwdriver set
- 3-piece soldering aid kit
- Desoldering pump
- Multimeter
- Tweezers
- 5-piece file set
- 10-piece wrench set
- Voltage tester
- 2 bottles cleaning liquid
- Blade cutters
- Cordless screwdriver kit (bits included) Aluminum case features removable pallets,
- surface-type locks, and black plastic handle Size: 18.0"L x 14.0"W x 6.0"H • Weight: 15.5 lbs.
- Part No. Description

242851 100-piece tool kit. \$199.95 \$159.95

BenchPro

11-Piece Lightweight Computer-Service Tool Kit

- · Kit includes:
- 2 nut drivers: 3/16", 1/4"
- 3-claw parts holder
- 1-pc hex key wrench
- IC extractor
- 4-pc screwdriver set
- Tweezers
- Clear components tube holder
- Size: 85"L x 6.0"W x 1.5"H · Weight: 1.1 lbs. Part No. Description 10 167206 11-piece tool kit \$16.95 \$14.95 \$12.95



40-Piece Electronic **Tech Tool Kit**

- · Kit includes:
- Wire cutters/ stripper - Adapter bit for sockets
- Pocket clip screwdriver
- 10-pc screwdriver set
- T10-T25 reversible - Torx screwdriver bits
- Potentiometer alignment tools
- 3/16"-1/2" S.A.E. nut driver sockets
- 6mm-12mm metric nut driver sockets
- Slotted and Phillips screwdriver bits
- Extra long 3-claw parts holder - IC inserter with pin straightener
- IC extractor Size: 9.5"L x 6.8"W x 1.4"H · Weight: 1.7 lbs.

Part No. Description 5

119183 40-piece tool kit \$22.49 \$19.95 \$17.95



69-Piece Tech Service Tool Kit

- Drill

- Brush

- Extractor

Hammer

- Solder core

Wrist strap

- Desoldering wick

- 7-piece hex key set

- Inspection Mirror

- Crimping tool

- Kit includes:
- Storage box
- 7 pliers Tweezers
- Spring hook
- 3-piece soldering aid kit
- Desoldering pump
- 3-piece alignment tool set
- Diagonal cutter
- Soldering iron
- Forceps
- 9-piece screwdriver set
- Wire stripper
- 5-piece file set
- Flashlight
- 3-prong holder
- PVC insulated tape
- Heat sink
- Wrist strap - Vacuum cleaner Measuring tape
- Scissors - 6-piece electronic screwdriver set - 40-piece socket & screwdriver set
 - 10-piece electronic wrench set
 - Size: 18.5"L x 13.8"W x 6.7"H
 - · Weight: 22.8 lbs.

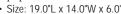
Part No. Description

149024 69-piece tool kit \$299.95 \$269.95

*For Complete Selection of Tool Kits — Enter Web Code CAA

Heavy-Duty Tool/Equipment Case

Made of lightweight aluminum, this tool case is designed to take rough field use. Case includes tool pallet, egg carton foam lid, and 2.5" thick pre-cut foam bottom. Ideal for carrying fragile instruments, test equipment, and small hand tools.



• Size: I	9.0 L X 14.0 W X 6.0			
Part No.	Description	Weight (lbs.)	1	5
261877	Tool/equipment case₹	8.0	\$48.95	\$43.95





JAMECO BenchPro 51-Piece Tech Tool Kit

- · Kit includes:
- Storage box
- 4 pliers - Tweezers
- 6-piece electronic screwdriver set
- 7-piece hex key set
- Scissors
- PVC insulated tape
- 10-piece screwdriver set Utility knife (3 blades)
- 3-piece soldering aid kit
- Wrench
- Desoldering pump Solder core Soldering iron with stand and sponge
- Case features removable pallets, a combination lock and a cushioned black plastic handle
- Size: 12.5"L x 17.5"W x 3.5"H
- · Weight: 10.4 lbs.

Part No. Description 26681 51-piece tool kit \$99.95 \$89.95

26-Piece SAE Hobby Tool Set

- 4-1/2" long nose pliers
- 4-1/2" diagonal cutting pliers
- #1 & #2 Phillips bits
- #1 & #2 pozi bits
- · 3/16" & 1/4" slotted bits
- Hex to 1/4" driver adapter
- T-10, T-15, and T-20 Torx bits
- Driver handle Compact carrying case
- 3" extension bar for 1/4" drive Tweezers
- 3 slotted and 3 screw driver precision set
- 3/16", 1/4", 11/32" and 3/8" sockets for 1/4" drive
 Size: 12.0"L x 9.0"W x 2.0"H
- · Weight: 1.5 lbs.

Description Part No. 26-pc. SAE tool set \$17.95 \$15.95 \$12.95 170069

Glue Gun and Glue Sticks

- · Adheres to PCBs. cardboard, wires,
- metal and cloth Silicon nozzle
- Electronic heating
- Trigger action
- Utilizes 100mm long gluesticks (2 sticks included)
- Size: 7.3"L x 6.3"W

JIZC. 1	.5 L X 0.5 VV		
Part No.	Description 1	10	25
72696	Glue gun \$9.95	\$8.45	\$6.95
78633	Glue sticks (12/pk) 2.95	2.65	2.25

250-Watt, 3-Setting Weller® Industrial Heat Gun

- 750°F to 800°F hot air at nozzle;
- 3-position switch; hot-off-cool Designed for assembly and repair applications such as shrink tubing and vinyl,
- epoxy curing/drying/cooling • 120VAC @ 60Hz • ESD safe · Long-life heater and fan components

(UL) 3-wire grounded plug; 6' cord Part No. Mfr. Part No. Wt. (lbs.) 191943 6966C**₹** 1.2 \$139.95 \$129.95

*Heat Guns — Enter Web Code QAJ

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.







Heat Guns, Wrenches & Strippers/Crimpers

JAMECO BenchPro 1000-Watt Heat Gun

· Input voltage: 110-120VAC Dual heat setting:

600°F/1100°F · Works with spot dry paints, plaster, spackle, and cure adhesives

Use with heat-shrink material

· Thaw pipes, frozen locks, and loosen rusted bolts

Part No. Description 1 254925 Heat gun₹ \$39.95 \$35.95 \$29.95

JAMECO BenchPro

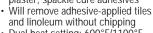
Heat Gun/Stripper

76865

EXCLUSIVE

Dual-Setting 1500-Watt · Use with heat

shrink material · Works with spot-dry paint, plaster, spackle cure adhesives



Dual heat setting: 600°F/1100°F

Thaw frozen pipes and locks, and loosen rusted bolts

UL listed • Weight: 1.8 lbs.

Size: 9.3"L x 7.0"W

For heat shrink attachment (P/N 217816, see web)

Part No. Description 76865 \$39.95 \$35.95 \$29.95

R² RapidRench Adjustable **Ratcheting Socket Wrench**

Crescent

· Replaces 38 most popular socket sizes

· Fits hundreds of SAE and metric fasteners

· Tighten or loosen with a flip of a switch

 Dial adjusts jaws to the exact size of the fastener Jaw capacity: 1/4" to 7/8" (6.35mm to 22.2mm)

· Rubberized comfort grip for extra control

Part No. Mfr. Part No. **1943131** FR28SWMP\$28.95 \$25.95

* Wrenches — Enter Web Code WEL

RapidSlide Adjustable Wrench

· Slide/control button on handle for fast, easy and accurate jaw adjustment

 SAE/metric adjustment markings on head

 1" maximum jaw opening allows each tool to work with more fastener sizes

· Wider handle provides more comfort and less stress to the hands

Mfr. Part No. 1943123 AC8NKWMP \$19.95 \$17.95

5" Wire Cutter/Strippers

· Insulated handles

Spring return

Tempered steel cutting edge

 Size: 5.0"L x 3.0"W · One-year warranty

78992: 10-30 AWG (screw adjustable)

215889: 10-24 AWG (dial to adjust for wire gauge)

215889 78992 Part No. Cross Ref. No. 25 100 78992 HT1082 \$2.95 \$4.49 \$3.95 \$3.49 3.95 215889 JF-2022C 3.49 2.95

*Cutters/Strippers — Enter Web Code BAK

6" Wire Cutter/Strippers

· Plier nose

 Wire size markings. in AWG and mm

Size: 6.0"L x 2.0"W

161226: Premium

· 12-20 AWG stranded; 10-18 AWG solid

161234: Premium

· 16-26 AWG stranded: 14-24 AWG solid

161218: Standard

 16-26 AWG stranded: 14-24 AWG solid • Color: red Mfr. Part No. Description

ID45-215₹ Cushioned grips \$15.95 \$14.95 161234 ID45-216₹ Cushioned grips 15.95 14.95 161218 ID45-121**₹** Non-cushioned grips **14.45 13.95**

(H)

6.6" Wire Stripper

· Wire stripper, cutter, steel wire cutter, and wire loop

Scale: AWG and mm · Strips and cuts wires

from 20-30 AWG Size: 6.6"L x 2.0"W

Part No. 159291



\$9.95 \$8.95 \$7.95

(H) 7-in-1 Wire-Handling Tools

· Wire stripper, wire cutter, steel wire cutter, pliers and wire loop Solderless

crimping tool

Scale: mm and inch

• Size: 6.6"L x 3.0"W

Part No. Mfr. Part No. Description 18797 HT1041 2 10-18AWG \$5.95 \$5.35 \$4.85 127862 HT1042 🕿 16-26AWG .. 5.95 5.35 4.85 127871 22-30AWG .. 5.95

* Wire Strippers — Enter Web Code HAY

Automatic Wire Stripper

Spring load gripSize: 7.0"L x 2.5"W

· Weight: 0.8 lbs.

Includes: Wire stopper

for desired strip length

Part No. Description Strips 8-22 AWG 2 \$16.95 \$14.95 \$13.75 175098

Rotary Coax Cable Strippers

2 and 3 Blade

159119 (3 Blade):

2 settings RG58/59/62

For cable sizes 4-10mm

 Size: 4.2"L x 1.3"W · Color: black

159185 (2 Blades):

4 settings RG58/59/62/174

· For cable sizes 4-12mm

 Size: 3.9"L x 0.7"W · Color: gray

Includes: Hex key wrench for adjusting blade







304936

304928: Accepts wire range from 14-24 AWG

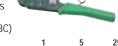
Part No.	Mfr. Part No.	Description	Price
304928	63811-1000	Crimp tool	\$47.95
304936	11-03-0044	Extraction tool	16.9

Metal Modular Connector (H)Crimping Tool

· Cable stripper/wire cutter

Size: 8.0"L • Wt.: 1.8lbs. Crimps 6P and 8P plugs

(6P2C, 6P4C, 6P6C, 8P2C, 8P4C, 8P6C, 8P8C) Deceription



NEW

Part No.	Description	5	
114527	RJ11/RJ45 ₹ \$22.95	\$19.95	\$17.9
	Databata J.Mad		

Ratcheted Modular **Connector Crimping Tool**

· Insulated grip

 Ratcheted type Metal • 7 5"I

 Crimps RJ45 (8P8C) and

RJ11/12 (6P6C) · Weight: 0.7 lbs. Part No. Description

159312 RJ45/11/12 2 \$22.95 \$19.95 \$17.95

Modular Connector Crimping Tool Set

 8" metal modular crimping tool

Cuts, strips and crimps

 Crimps RJ11 and RJ45 plugs · Carrying case: blue hard plastic,

8.0"L x 10.5"W x 2.0"H

· Weight: 2.1 lbs.

Includes: 90 modular plugs, 40 pcs. 4P4C, 30 pcs. 6P6C, 20 pcs. 8P8C

Product No. Part No.

73496 HT2000B

(H) Ratcheted BNC Crimping Tool

 Crimps RG58, RG59, RG62, RG174 and fiber optic

Hex sizes: 0.043", 0.068" 0.100", 0.137", 0.213", 0.255'

All steel construction

 Size: 8.5"L x 2.5"W · Weight: 1.1 lbs.

Part No. Mfr. Part No. 114535 HT-336G ₹ \$25.95 \$23.49 \$20.95

(H)

Non-Insulated Terminal **D-Sub Crimping Tool**

14-26 AWG

· With cutter and insulated handles

For computer pins and sockets, D-sub 26-28 AWG wire

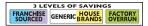
· For butt-insulated connectors, 22-26 AWG wire

· For telephone spade lugs, 22-26 AWG wire For non-insulated connectors, 20-22 AWG wire

• For non-insulated connectors, 14-18 AWG wire Coiled spring return • Size: 7.3"L x 1.5"W

Mfr. Part No. Part No. 1 25 99443 HT202A **₹**

^{*}For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



159185

3 LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE OVERRUN

D-Sub Crimping Tool

20-28 AWG

· Crimps D-sub pins and sockets

 For use w/ P/Ns 43377, 43369 & 100766, pg 69 Size: 7.0"L x 4.0"W

* Web Code: PAL

Mfr. Part No 50 Part No. 10 159266 HT213 ₹ \$10.95 \$9.95 \$8.95

Crimping/Cut/Strip Tool

For RJ11 (6P) and RJ45 (8P) Modular Plugs

 Repeatable crimp action for consistent high quality connections



Size: 8.0"L x 2.0"W
 Weight: 0.8 lbs.

Includes: Cut and strip blade

Part No. Product No. 174684 TTK071\$19.95 \$17.95

Half-Round Long Nose Pliers

Drop forged steel

Heat treated

Part No.

177608

· Spring return action · Vinyl grips

Length: 4.5"

Description

Knurled jaws

1

10 50 250 Half-round pliers ₹... \$4.95 \$4.49 \$3.95 \$2.95

5.3" Flat and Half-Round Long Nose Pliers

· Stainless steel · Spring return

· Durable rubber handles

• 5.3" length w/ 1.4" plier nose

35474/35491: Knurl jaws 195531: Smooth jaws

Part No. Description 10 50 250 \$3.95 \$2.95 35474 Flat long nose ₹ \$4.95 \$4.49 195531 Flat long nose 5.95 5.35 3.49 4.55 35491 Half round **₹** **4.95** 4.49 3.95 2.95

Precision 5-Piece Stainless Steel Pliers Set



 Spring return Insulated handles

Includes: One 3.5"L micro cutting nippers and one each 4"L micro round nose pliers, long nose pliers, flat nose pliers and bent nose pliers

Part No. Description Wt. (lbs.) 10 0.6 \$17.95 \$15.95 \$13.95 5-piece set**₹** 73121

261789

261810

10

5" Cutting Pliers

Carbon steel

· Side and flush cutting

 Black foam handles Part No. 261789

Cutting pliers w/ leaf spring ₹ \$5.95 \$5.35 \$4.75 261810 Cutting pliers w/ spring ≈ 4.95

4" Diagonal Wire Cutter

· Drop forged steel

· Heat treated

Vinyl grips

Spring return action

 Polished head Length: 4"

Part No. 10 50 Description 179902 Wire cutter 2 \$3.95 \$3.55 \$3.25 \$2.95

EXIMCORP

Pliers and Cutters

Diagonal, Needle Nose, Nipper, Square, Bent Nose, Sportsmen & Electrician Pliers

General purpose for picking-up, cutting and wire forming

 Forged steel Heat treated Insulated grips













· Blister packaged





NEW

Diagonal Flush Cutters

Part No.	Description	1	10	50
34622	4.5" spring loaded \$	4.95	\$4.49	\$3.95
34607	5" spring loaded	5.49	4.95	4.49
34658	5.25" heavy duty	5.95	5.35	4.79

Needle Oval Nose Pliers with Serrated Jaws					
Part No.	Description	1	10	50	
42104	5.25" standard	\$5.95	\$5.35	\$4.79	

Needle Oval Nose Cutters with Serrated Jaws					
Part No.	Description	1	10	50	
34691	7.75" spring loaded .	\$4.95	\$4.49	\$3.95	
34712	5.25 spring loaded	5.95	5.35	4.79	

Needie Ovai Long Nose Pilers W/Serrated Jaws				
Part No.	Description	1	10	50
34674	7" spring loaded	\$6.95	\$6.25	\$5.59

Bent Oval Nose Pliers with Serrated Jaws

Р	art No.	Description	1	10	50
3	4796	5" standard bend	\$5.95	\$5.35	\$4.79
3	4826	6" slim spring loaded	. 6.95	6.25	5.59
3	4851	7" standard bend	. 6.95	6.25	5.59
-					

*EXIMCORP Pliers & Cutters — Enter Web Code EXP

94562 94562 98993 Bent Oval Nose Cutters with Serrated Jaws

Part No. Description 5.25" standard bend \$5.95 \$5.35 \$4.79

34762 7" standard bend 6.95 6.25 5.59 Square Nose Cutters with Serrated Jaws Description 1

Part No. 5.5" standard w/o cutter \$5.95 \$5.35 \$4.79 94530 4.75" spring loaded w/ cutter ... 5.95 5.35 4.79 5.25" standard straight 6.95 6.25 5.59 94546

Nipper Nose Pliers Spring Loaded Part No. Description 50 1 10 94554 4.25" standard \$5.95 \$5.35 \$4.79 94562 6.95 6.25 5.59

Sportsmen's Square Straight & Bent Nose Pliers Part No. Description 1 10 98976 6.25" standard straight \$6.95 \$6.25 \$5.59 104257 8" standard straight 7.95 6.95 5.95 5.25" standard bent 6.95 6.25 5.59 7.95 7.5" standard bent 6.95 5.95

Electricians Pliers with Serrated Jaws Part No. Description 1 10 50 104125 6.25" standard with cutter \$6.95 \$6.25 \$5.59 104249 8.25" standard with cutter 7.95 6.95 5.95

Xcelite^{*} **General Purpose Pliers and Cutters**

Needle Nose, Diagonal Pliers and Cutters

 Cushion grips General purpose use · Positive gripping of wire & subminiature components

Narrow and fine tips provide increased clearance and allows use in restricted areas













Part No







Needle Nose Pliers

i aitivo.	10111 . 1 /14	Description		10
217891	L4 🎗	4" mini needle nose	\$17.95	\$14.95
217998	LN54G₽	5" thin long nose	17.95	14.95
146721	NN7776V ₹	5" long nose flat	18.95	16.95

Shearcutter Pliers Set

Part No. Mfr. Part No. Description 1 **152055** S2K **₹** 5.6" plier/5.2" cutter \$15.95 \$14.95

*Xcelite Pliers & Cutters — Enter Web Code XPC

Diagonal Cutters

Part No.	Mfr. Part No.	Description	1	10
217921	MS54J ₹	4" oval head-flush	\$17.95	\$15.95
1536974	S475NJS 🕿	4" relieved head-flush	14.95	13.95
217904	MS549J ≈	4" tapered head-flush	17.95	15.95
217867	MS545J 🕿	4" slim-line tapered-flush	1 6.9 5	14.95
146739	MS54V 🕿	4" diagonal semi-flush	16.95	14.95

Micro Series Wire Cutter

Part No. Mfr. Part No. Description 1 10 146712 170M 🕿 6" cutter flush \$5.89 \$5.49

Diagonal Wire Cutters

· Jaws are designed for flush cutting

· Cuts component wire up to 1.2mm thick 35482: Durable rubber handles

• 0.5" cutting blade Stainless steel · Insulated handles

161411: • Cuts 0.08mm fine wire Part No. Description 1 35482 4.3" cutter 2 4.3"L x 2.1"W \$6.95 \$6.55 \$5.75 161411 5.0" cutter 5.0"L x 1.8"W **7.49** 6.75 5 95



* Web Code: HAF

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.

\$29.95

27.95

* Web Code: PBC

Impact Punch-Down Tools

175089: Punch-down blade 110-type terminals

Tool with 66 blade \$33.95

Tool with 110 blade ₹ 29.95

Punch-down blade 110 9.95

Nibbling Tool

175071

· Reversible clip-in blade

Storage bin on handle

175071: Tool with blade

324014: Tool with blade

For 110-type terminals

· Perfect for cutting,

and circuit boards

• Size: 7.8"L Part No.

5" long

Part No

242801

242798

Jou

Tool tip made of

tempered steel

Spring steel cutter

trimming, or notching

sheet metal up to 18 AWG

Time-saver when working

· Minimum .375" hole required

Recommended for use on

0.025" (0.63mm) square

posts on 0.100" (2.54mm)

center grids. The first 1-1/2 loop

on the modified tool has wire

insulation while all loops on a

regular tool have bare wires. · Knurled handle for easy grip

Description

Mfr. P/N Description

HT204B Replace. bit ₹ .. 3.95

on prototyping, chassis,

Size: 5.2"L x 1.5"W x 1.0"H

Size: 5.8"L x 1.7"W x 1.2"H

Description

· For 66-type terminals

impact mechanism

for spare blade

Part No.

175071

324014

175089

(H)

· Adjustable (HI-LO) spring-loaded

242798

Web Code: BBC

 Use with 30 AWG wire on .025" square posts

No solder necessary, see pg 51 for wire

Wrap 1 to 2 turns of insulated portion of wire for

secure connections • 4.5" long Part No. Product No. 10

34585 HSM30 (Modified) \$49.95 \$44.95 \$39.95 HSR30 (Regular) 29.95 25.95 22.95

1/4-Watt & 1/2-Watt Resistor & Capacitor Lead Forming Tool

· Watt size indicates appropriate package size

· Bends lead

length in 0.05" increments Lead spacing: 1/4W: 0.4"-1.5"; 1/2W; 0.5"-1.5"

• Size: 5.4"L x 1.5"W

Part No. Description 10 106884 1/4W & 1/2W \$4.95 \$3.95 \$3.55

Drill Bits, Screwdrivers & Miscellaneous Tools

RoHS Compliant Product RoHS Also Available

Mini-Drill and Stand

This Mini Drill is excellent for drilling through circuit boards and protoboards. The drill comes with an array of drilling, grinding and sanding attachments. Drill stand is designed to



	Description			5	
26702	GTT-103A drill GTT-104 stand	0.8 \$	34.95	\$31.95	\$27.95
26711	GTT-104 stand	1.8	25.95	23.95	21.95

PC Board Drill Bits

- Shaft diameter: .125"
- Use for drilling holes in glass PC boards

Part No.	Size	Dia.	1	10	100
1919537	1/8	.125"	\$1.25	\$.99	\$.75
1919588	31	.120"	1.25	.99	.75
1919300	32	.116"	1.25	.99	.75
1919609	33	.113"	1.25	.99	.75
1919553	35	.110"	1.25	.99	.75
1919570	38	.102"	1.25	.99	.75
1919502	45	.082"	1.25	.99	.75
1919596	46	.081"	1.25	.99	.75
1919561	48	.076"	1.25	.99	.75
16580	59	.040"	1.75	1.49	.99
16619	75	.021"	1.75	1.49	.99

9-Piece Drill Bit Kit

- Variety of sizes: .014" to .126"
- Shaft diameter: .125"
- Each kit will vary in contents of bit sizes



*Drill Bits — Enter Web Code NEJ

32-Piece Security Bit Set

These bits match the security fasteners commonly used in today's electronic products.

Includes: Torx bits: #6, #8 and #10; Tri-wing bits: #1, #2, #3 and #4; Security hex bits: 5/64", 3/32", 7/64",



1/8", 9/64", 5/32" 3/16" and 1/4"; Security Torx bits: T8, T10, T15, T20, T25, T27, T30, T35 and T40; Spanner bits: 4, 6, 8 and 10mm; Phillips bits: #1, #2, #3 and #4; and 60mm magnetic bit extension that fits 1/4" hex driver

Part No. Description 10 223829 32-piece security bit set . \$10.95

JAMECO BenchPro Pocket Screwdriver

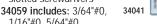
Phillips & Flat head Size: 6"I

· Pen clip for pocket storage * Web Code: CAQ Part No. Description 10 127271 Pocket screwdriver . \$1.59 \$1.35

Our enhanced website offers over a hundred thousand data sheets and photos to assist you in finding the products you need.

6-Pc Precision Screwdriver Sets

34041 includes: 3/64", 1/16", 5/64", 5/32", 1/8" & 9/64" slotted screwdrivers



1/16"#0, 5/64"#0, 3/32"#0, 1/8"#1 and 9/64"#1 Phillips screwdrivers

Part No. Description 10 \$3.95 \$2.95 \$1.95 Slotted set 34059 Phillips set 3.95 3.45

6-Pc Precision Torx Screwdriver Set

- T5 and T6 x 50mm Torx screwdrivers
- T7, T8, T9, T10 x 50mm

I OLX U	ex screwarivers	No.	
Part No.	Description	1	10
226106	Precision TORX screwdriver	\$13.95	\$11.95

6-Pc Long-Neck Screwdriver Set

· Three slotted: 0.09"Dia. x 6.6"L; 0.12"Dia. x 6.6"L; 0.16"Dia. x 9.6"L



No.1, 0.16"Dia. x 9.61"L; No.2, 0.09"Dia. x 6.65"L

Part No.	Description	1	10	50
99451	6-pc. screwdriver set	\$8.95	\$7.95	\$7.55

7-Pc Insulated Screwdriver Set

- Tapered handle for sure grip
- Precision ground shank
- Hardened, magnetic tips

Includes: 0.4/0.8/1.0/1.2mm slotted #0/1/2 Phillips

	1		
Part No.	Description	1	10
261999	Screwdriver set	\$17.95	\$15.95

11-Pc Precision Screwdriver Set

0.9, 1.2, 1.4, 1.8, 2.4 and 3mm slotted screwdrivers

Phillips #00, #0

and #1 screwdrivers · Magnetic pick-up Awl



*Screwdrivers — Enter Web Code CAQ

T-Handle Reamer Tool

Excellent for aluminum chassis work

· For enlarging starter holes on panel mount components from 1/8" to 1/2" diameter

T-handle for easy rotation of tool

Handle: 3.3" long, tool: 5.3" long

Hariano	5.5 long, tool. 5.5	iong		
Part No.	Description	1	10	50
151750	T-handle reamer ₹	\$7.95	\$6.95	\$5.95

Automatic Center-Punch Tool

Adiustable

- Alloy steel point
- Knurled steel body Size: 5.0"L x 0.5"Dia.
- Part No. Description

· Precision instrument

160282 Center punch tool \$5.95 \$5.35 \$4.85

* For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above

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1955052

Deluxe Precision Knife Set

· Three different knife handles fine work, medium and heavy duty power grip

 Size: 6.3"L x 2.8"W x 1.4"H Includes: 13 types of blades



2.95

2.55

116126

Part No.	Description	1	10	50
72768	13 blade knife set	\$8.95	\$7.95	\$6.95

5" Steel Hemostats

 Grade 410 A.I.S.I. stainless steel

115115



Metal Dial Calipers

Curved 3.95

Choose Metric or Inches

HEMO2

· For accurate measurements every time · Measures outside,

inside and depth Easy-to-read dial gauge

Length: 6" (150mm)

 Materials: metal · Color: silver Includes: Fitted plastic storage case

Part No.	Description (min. reading) 1	10	50
116134	Metric (.02 mm) \$25.95	\$23.95	\$21.95
116126	Inches (.001 inch) 25.95	23.95	21.95
684449	Metric/Inches 27.95	25.95	23.95

Digital Display Caliper

Metric and Inches

- Hardened stainless steel
- · Display: inches to 0.001; mm to 0.01
- · Instructions for making internal, external, depth & step One-year warranty measurements
- Calipers measure to 6 inches/150mm

Includes: Fitted case and 1.5V silver oxide battery (replacement battery, P/N 140783, pg 127)

Part No.	Description	10	50
127482	Digital disp. caliper \$59.95	\$54.95	\$49.95

*Calipers — Enter Web Code PAQ

4-Pc. Conductive SMD Tweezer Set



4 types of tweezers: fine point, flat head for 4mm SMD chip device, flat head for 8mm SMD chip device, sharp angled tip Fach is 4.5" long

	,			. 5
Part No.	Description	1	10	25
172638	4-piece tweezer set	\$9.95	\$7.95	\$6.95

4-Piece Steel Tweezer Set



4 styles of stainless steel tweezers, one self-locking

 Ideal for picking up small components in hard-to-reach places

Part No. Description 10 10735 4-piece tweezer set \$5.95 \$5.35

*Tweezer Sets — Enter Web Code FAA

PLCC and DIP IC Extractors





Part No.	Mfr. Part No.	Description 1	10	100
16766	HT103B	PLCC \$3.95	\$3.35	\$2.95
16838	HT103A	DIP 1.65	1.49	1.25

IC Pin Straightener

Straighten bent pins safely and easily with Jameco's IC pin straightener.

 Straightens 8/14/16/18/20/24/28/40/42-pin ICs Materials: black plastic
 Size: 3.3"L x 1.5"W x 0.4"H

Includes: Ground terminal

Part No.	Description	1	10	100
99363	IC straightener ₹\$	7.95	\$6.95	\$5.55

Anti-Static Heel Strap

· Discharges static without restricting your mobility

Ground strap: 15.5"L

Part No.	Description	1	10	100
100328	Heel strap₹	\$5.95	\$5.45	\$4.95

Coiled Grounding Wrist Strap

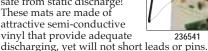
- · Comfortable, adjustable Velcro wrist strap
- The coiled cord has banana plug and alligator clips
- Extended cord: 9' long Color: black

Includes: $1M\Omega$ resistor for added safety

Description	1	10	100
Anti-static strap₹	\$6.49	\$5.85	\$5.25
			Anti-static strap ₹ \$6.49 \$5.85

Anti-Static Work Mats

Make your work environment safe from static discharge! These mats are made of attractive semi-conductive vinyl that provide adequate



_				-	
Part No.	Dimensions	Wt. (lbs.)	1	10	100
10576	11.3" x 22" 	0.7	\$8.95	\$7.95	\$6.95
10584	19.5" x 23.5" ≈	1.1	13.95	12.45	10.95
236541	23.5" x 27.5" 	1.4	25.95	22.95	19.95

*Anti-Static — Enter Web Code XAA

Conductive Anti-Static Foam and Bags

Don't get zapped!

Protect your investment w/ these 13864 inexpensive bags and ensure a safe work area with our conductive anti-static foam. 13864: 24.0"L x 12.0"W x 0.25"H

Description 1	10
Anti-static foam\$10.95	\$9.95
8" x 10" anti-static bags	.59

Flexible Neck Magnifier

- · Flexible gooseneck with workbench clamp
- 3.5" diameter & 3x diopter lens
- · Arm length: 20" Weight: 1.8 lbs.



Part No. Price Flexible neck magnifier .. \$11.49



- 45" extension arm
- · Supplied w/ 22-watt circuline tube
- Extra strong, all-metal mounting base with electrical outlet
- · New wire clip design permits easy installation Metal bulb holder for extra protection • 3-diopter lens
- Power regirement: 110VAC/60Hz Weight: 7.3 lbs.

Part No.	Description	1	10
100829	Black lamp	\$59.95	\$49.95
149981	White lamp	59.95	49.95

Standard Adjustable 3X Magnifying Lamp

- 4" Diameter lens
- Maneuverable 30" arm extension
- · Lamp tilts & turns in any direction
- · Uses 60W incandescent bulb (not included)
- Power requirement: 110VAC/60Hz
- 3-diopter lens Weight: 2.9 lbs.

Part No.	Description	1	10	50
22710	Magnifying lamp \$	26.95	\$22.95	\$19.95

3X, 3-Bulb Magnifying Lamp

Three 9-watt compact fluorescent bulbs located to the side and top of the lens provide superior

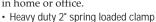


- · Adjustable rectangular 3-diopter lens
- 47["] long arm • 2 on/off buttons
- · Color: beige UL listed · Weight: 8.15 lbs. Part No.

Adj. magnifying lamp. \$79.95 \$71.95 \$65.95

KLIP-ON Deluxe 3X Magnifying Lamp

Ideal for limited workspaces in home or office.



· Super bright 13 watt fluorescent bulb (6400 Kelvin) included

High quality 3-1/2" glass magnifying lens w/ dust cover
 Weight: 2.0 lbs.

16" gooseneck-directs light in any directions

Part No.	Mfr. Part No.	Color	1	10	25
1955044	LUX250W	White	\$34.95	\$31.49	\$28.95
1955052	LUX250B	Black	34.95	31.49	28.95



Precision 5 Diopter Magnifying Lamp

The arm extends to 40", is adjustable to any direction or angle, and has a 5 diopter lens. This is the perfect tool to help identify small electronic components and magnify a printed circuit board to help solder electronic components.

• 5" diameter lens · Weight: 7.1 lbs. Power requirement: 110VAC/60Hz

Includes: 22W circuline fluorescent bulb

Description Magnifying lamp ₹ \$114.95 \$98.95 \$79.95

*Magnifying Lamps — Enter Web Code DAW

RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.



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Weller 40-Watt Soldering Station

· Lighted on/off switch

· Adjustable power from 5 watts to 40 watts

• 120V @ 60Hz

· Temp. is electronically controlled from 350° to 850°F

Size: 5.5"L x 4.5"W x 3.5"H



* Web Code: GEJ · Weight: 1.9 lbs.

Includes: ST3 1/8" screwdriver tip and manual

Part No.	Mfr. Part No. 1	10
146595	WLC100 ≉ \$54.95	\$49.95

Weller **Soldering Tips**

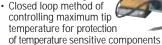
Replacement Tips for WLC100, WP25 & WP23

* Web Code: NAB

1466	608	146616	14662	4
Part No.	Mfr. P/N	Description	1	10
146608	ST1 ₹	Screwdriver tip 1/16	" \$5.95	\$4.95
146616	ST3 2	Screwdriver tip 1/8"	5.95	4.95
192145	ST6 ≈	Screwdriver tip .031	" 5.95	4.95
146624	ST7 ₹	Conical tip 1/32"	5.45	4.75

42-Watt Controlled-Weller **Output Soldering Station**

· Complete with macro style, low voltage, temp. controlled soldering iron



120VAC @ 60Hz input

Size: 5.9"L x 4.5"W x 3.6"H

 Power unit housing features impact resistant plastic for durability

· Quick disconnect plug for soldering iron and lighted on/off switch

 Separate conductor grounds iron tip and terminates third pin of power cord Uses PT series tips

Includes: Soldering iron and PTA7 tip (below)

Tips all .062"

Part No.	Mfr. P/N	Description	1	10
170552	WTCP 	Solder station \$148	.95	\$138.95
192161	TC201T ₹	Replac. iron 77	.95	71.95
192170	PTA6 ₹	Screwdriver tip 600°F 3	.85	3.45
192188	PTA7 ₹	Screwdriver tip 700°F 3	.85	3.45
192196	PTA8 ₹	Screwdriver tip 800°F 3	.85	3.45

*Soldering/Desoldering Stations — Enter Web Code GEJ

Soldering Tips Weller* Replacement Tips for WES51 & WESD51

· Tip leakage: less than 2mV

· Tip to ground resistance: less than 2Ω

★ Web Code: NAB

· Weight: 4.0 lbs.

Additional tips can be special ordered

	₃ □				>
16774		16782	16803	16811	
Part No.	Mfr. P/N	Description	1	1 1	0

Part No.	Mfr. P/N	Description	1	10
16774	ETA ₹	Screwdriver 1/16" \$	6.95	\$6.25
16782	ETJ ≉	Long screwdriver 1/32"	6.95	6.25
16803	ETR ₹	Narrow screwdriver 1/16"	6.95	6.25
16811	ETS₹	Long conical 1/64"	6.95	6.25

50-Watt Analog & Digital **Display Soldering Stations**

Innovative heater and sensor combination for quick heat-up and rapid temperature recovery.

Weller

233533

134631

(آلا)

 Tip temperature offset reset temperature readings to match tip size and style

capability allows user to

Wireless temp. lockout

 Auto power-down after 90 minutes of inactivity

Temperature range: 350°F to 850°F

Temp. accuracy: ±9.0°F · ESD safe Size: 5.9"L x 4.5"W x 3.6"H
 Weight: 4.0 lbs.

Includes: PES51 50W soldering iron with ETA tip, PH50 stand and sponge, and adjustment tool

Part No.	Mfr. Part No.	Description 1	10
217461	WES51 ≈	Analog \$124.85	\$119.95
233533	WESD51 ₹	Digital 159.95	155.95

16 to 30-Watt Variable Soldering Iron & Stand

116572: Length: 7.5" 36329:

· Black anodized steel base - 5.3"L x 3.3"W · See below for replacement

sponge (P/N 134631) · Fits most soldering irons .85" diameter

Includes: Sponge

Part No.	Description	1	10	50
116572	258VL soldering iron	\$21.95	\$17.95	\$15.95
36329	Soldering stand₹	4.95	4.45	3.95
134631	Sponge (for P/N 36329)	2.95	2.65	2.35



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Thermally Balanced 25-Watt Soldering Iron

The XY200GX is a thermally balanced soldering iron for the professional or hobbyist.

- · 120VAC; 6' cord
- 25-watt power consumption
- Interchangeable tips (pg 152) UL listed
- Length: 8.0"
 One-year warranty

Includes: 1.6mm conical tip

Part No.	Mfr. Part No.	1	10	50
129040	200GX-25W 🗷	\$13.95	\$11.95	\$9.95

High-Quality 25-Watt & Weller 35-Watt Soldering Irons

· Interchangeable heater elements Lightweight handle 170587

with cushioned grip Quick change knurled collar

· Lenath: 9"

120VAC @ 60Hz

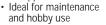
Includes: Power cord & ST3 tip (pg 149)

Part No.	Mfr. Part No.	Description	1	10
170587	WP25	25W solder iron	\$36.95	\$35.95
192102	WP35	35W solder iron	47.95	45.95

*Soldering Irons — Enter Web Code QAS

35-Watt Soldering Iron

· UL approved





· 0.157" removable tip

• Length: 8.1" • 110-120VAC

❷ Blue Part No. = Limited Quantity Available

Part No.	Description	10	50
208987	35W soldering iron • \$3.95	\$3.49	\$2.95
208995	Replacement tips (2)95	.85	.75
209075	Solder roll, 8mm (.031") ₹ 22.95	19.95	17.95

100-Watt Soldering Iron Weller

 "Closed loop" method of controlling max. tip temperature

 Nominal heat-up time with 700°F tip is 110 seconds



· 120VAC @ 60Hz input

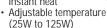
Length: 6" · Weight: 0.7 lbs.

Includes: CT6F7 (0.375" screwdriver tip; 700°F)

Part No.	MITT. Part No.	Description	5
192081	W100PGZ	Solder iron \$69.95	\$64.95
192090	CT6F7 ≈	.375" scrwdrvr tip 8.59	7.75

Weller Cordless Soldering Iron Kit

· Self igniting and instant heat



· Auto switch off · Visible gas level

· Additional tips can be special ordered

· 2 hours of heat on average tank setting

Includes: Soldering tool, hot blower tip, hot knife tip, 2.4mm and 4.8mm double flat tip, cleaning sponge, storage case and instruction manual

Part No.	Mfr. Part No.	Description	1	10
152207	PSI-100K ₹	Tool kit	\$83.95	\$80.95

Pro Cordless Coldheat Soldering Iron

Using the patented Coldheat system, the Weller Pro Ćordless melts solder instantly and is cool to the touch in just seconds.

The Weller Pro has the power industrial professionals need to tin wire as large as 12AWG or join wires from 18-25AWG, with an average yield of 700 solder joints per 5 AA alkaline batteries.

 Polycarbonate body
 High/low/off power switch • Bright white LED light • Red "in use" indicator light

 Includes carrying case and CHT3 61° angle chisel tip Requires: 5 AA alkaline batteries (recommend 198707, pg 127, not included)

Part No.	Mfr. Part No. 1	5
684705	CHT100 ≉ \$39.95	\$35.95

vedenment

Butane Powered Cordless Soldering Iron

· Built-in on-off switch

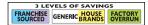
· Length: 8.5"

· Can be used as a torch or hot blower Maximum temperature: 450°C (842°F)

· Average use of 40 minutes on a full load

Part No. Mfr. Part No. Description 10 645520 GASIRON2 Soldering iron ... \$24.95 \$21.95

* For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



(ایا)

★ Web Code: NAT

19166

* Web Code: GAS

WAHL® Cordless Soldering Iron

The #1 choice for field service soldering!

IsoTip® Power Pro Model #7904

- 900°F tip temperature
- LED indicator light
- · Solders 200+ joints or up to 30 minutes of continuous soldering
- · Iron performance equivalent to • Weight: 1.1 lbs. 25-watt iron

Includes: Soldering iron, recharging stand, NiCd battery pack, and tips

Part No. Description 132783 Power Pro cordless iron \$70.95 \$65.95

*Soldering Irons — Enter Web Code QAS

Weller

8/11-Watt Battery **Powered Soldering Iron**

- · Heats to working temperature in less than 15 seconds
- · White LED light illuminates working surface
- · Dual heat settings: 8-watts on low setting (850°F) or 11-watts on high setting (950°F)
- Co-molded grip for comfort grip and protective safety cap turns off power when placed on tool
- Over 150 intermittent solder joints with fresh batteries Includes: Iron, tip, 4 "AA" batteries, lead free solder, and tip/wrench stand

Part No.	Mfr. Part No.	1	10
1943060	BP860MP	\$23.95	\$19.95

Magna-Lite Butane Table-Top Torch

Weller

- Waterproof piezo ignition
- Adjustable flame control
- · Child-resistant ignition for safety
- Refills in 20 seconds with standard butane gas
- Flame temperature: 2500°F (1300°C)
- Run time: 60 minutes (@ middle flame setting) • Uses: brazing, soldering, heat shrink tubing, industrial maintenance Mfr Part No

raitivo.	IVIII . FAIL IVO. I	10
1943001	ML200 \$26.95	\$20.95

168591

SMD Tweezer Iron

- · Maximum efficiency ceramic heating elements insures rapid heat-up and instant heat recovery
- Max. temp.: 760°F 120VAC
- Heater insulation exceeds $100M\Omega$
- · Heater power consumption: 35W ea.



Tip .590"**≈** **11.95**

JAMECO BenchPro	Soldering Gun	NEW
Trigger action solder from the soldering gun the exact amou	back of the to the to the tip for	-
	e at the back of gun n to 2.3mm diameter solo peration • Lightwe	ler T
Part No. Descrip	otion	1 5



ESD-Safe, Lead-Free **Soldering Station**

The ideal tool for service and repair technicians as well as production line soldering operators.



 Specifically designed for RoHS-compliant soldering

- 100W, 115/230VAC 50/60Hz ±3°C temp. stability
- Temperature adjustable 0-45°C (0-85°F)
- 24VAC Hi-Recovery nichrome heating
- · Auto power down idle circuitry, 15-min non-operation
- 45 second ramp time to max temp setting Full digital LED readout in both °C and °F
- · Easy external calibration port
- · Weight: 8.0 lbs. Size: 6.1"W x 6"D x 4"H

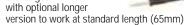
Part No.	Description	1	10
667551	LF-1000 soldering station 🗷	\$169.95	\$149.95

Weller Digital Soldering Stations 684772:

· New WP80 soldering pencil with short tip-to-grip (52mm)

• 80W of power

 Barrel can be * Web Code: GEJ exchanged



- · Unique silver heater allows fast, efficient soldering
- Uses WP80 soldering pencil and WDH10 soldering stand
- · Includes LTB tip • Size: 15.4"L x 10.2"W x 5.2"H Weight: 8.2 lbs.
- 684781:
- · Extensive special functions menu allows you to use setback, lockout, standby, auto-off time and more
- Heating element is contained in pencil rather than tip
- Micro pencil with short tip-to-grip (37mm) puts you close to the work • 85W of power
- Iron stand has adjustable tilt angle in 4 positions ranging from 30° to 80° Includes NT1 tip
- Uses WMP soldering pencil and WDH20 iron stand
 Size: 15.9"L x 10.9"W x 5.8"H Weight: 7.5 lbs.

Part No.	Mfr. Part No.	Description 1	5
684772	WD1002 ₹	80W \$289.95	\$285.95
684781	WD1001 ₹	85W 309.95	294.95

Heat Sink & Soldering Aid Kit



100378: Heat sink absorbs and dissipates heat during soldering & desoldering of sensitive parts 100503: Includes soldering wick, 3 pc. scraper set, acid brush, clip-on heat sink and empty squirt bottle

Part No.	Description 1	10	50
100378	Heat sink \$.49	\$.43	\$.39
100503	7-piece soldering kit 5.95	5.38	4.75

Solder Tool Kit

For Beginners

Includes: Soldering iron with stand, long nose pliers, wire strippers, side cutters and sponge.





SMD Rework Station

- · Long-life ceramic heating element
- High-performance, inexpensive, versatile
- Adjustable temp.: 250-450°C (482-842°F)
- Rapid heat-up and recovery
- Thermocouple sensor for
- stable temperature Size: 7.4"L x 5.0"W x 3.3"H
- 40W station, 25W ceramic element Weight: 2.6 lbs Includes: Base power unit, sponge, stand, surface mount tweezer iron, and stand for tweezers

Part No.	Description	I	10	50
224629	Rework sta	tion 2 \$89.95	\$79.95	\$69.95
168583	.078" tip 	9.95	8.95	7.95
168591	.590" tip 	11.95	10.95	9.95

Electric & Manual Desolder Pumps

- · Easily disassembled for cleaning
- · Replacement tips available 19255: • UL listed
- · One-hand operation

 Size: 10.5"L x 1.0"Dia. 19166: Size: 7.8"L x 0.8"Dia.

1942139: Size: 13.3"L x 1.0"Dia.

.95
.49
.95
.55
.95
.95
3

Magna-Lite Butane Soldering Pencil

Weller

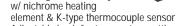
- · Piezo electronic ignition system
- · Adjustable gas flow valve controls temperature range
- Temperature range: 750°F to 900°F
- · Up to 30 minutes continuous use on medium setting
- · Window allows you to see gas level
- · Can be used as a torch when tip is removed

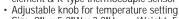
Includes: 1.6mm conical tip

Part No.	Mfr. Part No	0.	1	10
1943051	ML500MP		\$15.95	\$14.95

70-Watt Soldering Stations

- Input: 110-120VAC @ 60Hz
- Nichrome heating element on soldering iron
- Temp. range: 200°C to 450°C (329°F to 842°F)
- Soldering iron assembly





 Size: 8"L x 5.2"W x 3.8"H
 Weight: 5.3 lbs. · Includes: soldering station, soldering stand with cleaning pad, soldering iron, manual

1950711: Analog

NEW

- LED to indicate power (green), heater on (red)
- Temp. acc.: ±3°C Uses model 209 soldering iron 1950729: Digital
- 0.560" (3-digit) LED display and red LED for heater on indicator Temp. accuracy: ±1°C

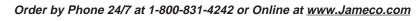
Uses model 209ESD soldering iron ESD safe

Part No.	Mfr. Part No.	* Web Co	de: GEJ	1	5
1950711	Super 169₹	Ana	log \$1	19.95	109.95
1950729	Super power 1690	D ≋ Digi	ital 1	129.95	119.95

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.



1950711



168583

7.95

9.95

319169

80-Watt Desoldering Station

- Input voltage: 100 – 120VAC @ 60Hz
- 100 120VAC @ 60I • Heater: 32V, 80W
- Large digital temperature display



Tip temperature accurate to ±3°C (6°F)

- Zero voltage switching & fully grounded design makes this unit safe on electro-sensitive devices
- Adjustable temperature w/o changing tips
- Suction controlled by a finger actuator thyristor located on the desoldering handle
- Self contained diaphragm vacuum pump engineered to provide continuous, maintenance free operation
- Temperature range: 300°C to 450°C (572°F to 842°F)
- Size: 7.9"W x 9.3"D x 4.5"H

Includes: DIA80 desoldering iron, 2 soldering stands, foam filters, & cleaning brush

Part No.	Mfr. Part No.	Description	1	5
1919094	LF-6000 ≈	Desoldering .	\$349.95	\$319.95
*Solderi	ing/Desoldering	g Stations — E	nter Web C	Code GEJ

Chemtronics Chemask

- · Easy to use peel off dried masking agent
- Latex material is compatible with flux systems and stable with cleaning solvents

 *Web

★ Web Code: YAQ

More chemicals on page 154

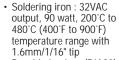
Part No.	Description	W	t. (lb	s.)	1	10
525835	8 oz. squeeze bottle	*	0.7		\$14.65	\$12.85
* Shinned vi	a LIDS around to continu	nta	111 C	onl	v	

Shipped via UPS ground to continental U.S. only

KYTRONIC

90-Watt Analog Soldering/ Desoldering Station

• Input voltage: 100 – 120VAC @ 60Hz





- Desoldering Iron (DIA80): 32VAC output, 80 watt, 300°C to 450°C (570°F to 850°F) temperature range, with 1.2mm/0.048" tip • Temp. stability: ±3°C (6°F)
- · Zero voltage switching and full grounded design
- Adjustable temperature w/o changing tips
- Pump controlled by a finger actuated thryristor on desoldering iron
 Automatic power down after 15 minutes of idle as indicated by pause LED
- Self-contained vacuum pump engineered to provide continuous, maintenance free operation
- Dials for temperature settings on both soldering and desoldering iron
- Analog readout for vacuum pressure
- Size: 10.8"W x 12.5"D x 4.1"H

Includes: 104A/105A soldering stands, A-2000-1 soldering stand, DIA80 desoldering iron with #44-915412 tip, 210ESD soldering iron with #44-415404 tip, 5pc. 5" high precision tweezers, AX205 5" micro cutting pliers, steel brush/cotton/foam replacement filters, power cable, and instruction manual

Part No.	Mfr. Part No.	Description	1	5
1919107	I F-7000 ≈	Solder/desolder	\$439.95	\$399.95

KYTRONIC

100-Watt High-Powered Desoldering & Soldering Station

- Input voltage: 100 – 120VAC @ 60Hz
- Soldering iron (heater output, power & temperature range): 32VAC, 100W, 200°C to 450°C (400°F to 850°F)
- Desoldering iron (heater output, power, and temperature range):

32VAC, 80W, 300°C to 450°C (570°F to 850°F)

- Temperature stability: ±3°C (6°F)
- Zero voltage switching & fully grounded design
- Adjustable temperature w/o changing tips
- Pump controlled by a finger actuated thyristor on desoldering iron
- · Auto power down after 15 minutes of idle
- Detachable soldering iron and desoldering wand
- Self contained vacuum pump engineered to provide continuous, maintenance free operation
- Digital readout for temperature
- · Analog readout for vacuum pressure
- Size: 10.8"W x 12.5"D x 6.1"H

Includes: 104A/105A soldering stands, DIA80 desoldering iron, 210ESD soldering iron, steel brush, foam filters, power cord, diagonal wire cutters, 5 high precision tweezers and instruction manual

Part No.	Mfr. Part No.	Description	1	5
1919115	LF-8000 ≈	Solder/desolder	\$489.95	\$464.95

125508

\$1.92



60-Watt Analog Soldering Station

Designed for soldering situations where precise temperature is required for sensitive components.

- · Temperature is maintained at ±6°F
- · Electronic temperature control from 392° to 878°F
- · External calibration port
- CMOS devices protected against voltage spikes
- Power-on and heater-on LED indicators
- Size: 5.1"W x 8.0"D x 4.0"H Weight: 4.8 lbs.

Includes: One 1/16" tip (P/N 35115 – pg 152)

Part No.	Mfr. Part No.	Description	1	10	25
219627	XY9-60A ≉	Analog soldering station	. \$99.95	\$89.95	\$79.95
168401	TWZ50ESD ≉	SMD tweezer iron w/ 0.078" tip	69.95	62.95	55.95
168583	46-060102 ₹	Tip .078" for P/N 168401	9.95	8.95	7.95
168591	46-060115 ≈	Tip .590" for P/N 168401	11.95	10.95	9.95
236460	78-744615 	Replacement sponge	2.95	2.65	2.35



60-Watt Desoldering Station

- Simple fine tune feature to select within 300–850°F range
- Vacuum pump activated "on demand" using finger tip switch on desolder handle
- CMOS devices protected against voltage spikes
- Size: 9.2"L x 7.2"W x 3.6"H
- · Weight: 13.1 lbs.

Includes: XYD12 tip and solder holder

207271 For use w/ models 136, 136ESD, 137ESD & 988

☉ Blue Part No. = Limited Quantity Available

Part No.	Mfr. Part No.	Description	1	10	25
125508	968₽⊙	Desoldering station	\$245.95	\$225.95	\$209.95
207271	TWZ60ESD ≈	SMD tweezer iron with .078" tip	59.95	57.95	55.95
168583	46-060102	Tip .078" for P/N 207271	9.95	8.95	7.95
168591	46-060115 	Tip .590" for P/N 207271	11.95	10.95	9.95
236460	78-744615 	Replacement sponge	2.95	2.65	2.35

Replacement Sponges for Legacy Models

XY-60D, XY-379 & XYT379-C 2.95



60-Watt Soldering & Desoldering Bundle

Includes: 60-Watt ESD safe soldering station (Model XY9-60D/ESD) with conical chisel 1/16" tip and 60-Watt desoldering station (Model 968) with 0.0472" desolder tip and solder holder



Part No.	Mfr. Part No.	Description	Price
207263	XY9-60A ≉	60W soldering & desoldering stations	\$345.9

Economical, High-Performance Soldering Irons High-quality soldering irons that are suitable for both professional and

• 25W, 40W & 60W • 120VAC; 6' cord with c



 For additional tips see <u>www.Jameco.com</u>.

do-it-yourself applications.

c(الاً الله		*	Web Cod	e: QAS
9"	Part No.	Mfr. Part No.	1	10	25
02:	224611	200PHG-25W ₹	 \$10.95	\$9.95	\$8.95
	224602	200PHG-40W ≉	 11.95	10.95	9.95
	195223	200PHG-60W ≉	 14.95	13.45	10.95
	226018	44-240513 tip ≉	 1.95	1.65	1.35



Part No.

134640

45-Watt Analog Display Soldering Station

Grounded Soldering Tip

SP815

SP715

- 500°F to 850°F Fully grounded
- Insulated ceramic heating element for rapid heat-up and heat recovery

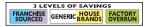
Mfr. Part No. For Station

- Heater insulation exceeds 100M Ω
- Zero voltage circuitry eliminating high voltage spike and magnetic field generation
- Size: 7.0"L x 4.5"W x 3.5"H Weight: 2.5 lbs.

Includes: Manual, soldering iron w/ 1/32" tip, stand, tip cleaner and sponge

Part No.	Mfr. Part No.	Description	1	10	25
229673	XYT379-C ₹	45-Watt soldering station	\$59.95	\$54.95	\$49.95
156814	XYB01 ≈	Sharp conical chisel 1/32" tip	5.95	5.35	4.75
134631	SP715	Replacement sponge	2.95	2.65	2.35

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



100

\$1.73



Part No.

684596

Tips & Replacement Parts for XYTronic Soldering and Desoldering Products

XYTRONIC	Tips & Replacement Fulls for AT frome Soldering and Desoldering Froducts																
																	156814
35326	5	35078 3533	4		35	115			35238			207	351		140231		
*	Web Code:	NAB					el Numb	oers (*Lo	egacy N	lodels)							207327
				/ /:	to	3/9*	ASS +	2	\ \	1 2	, ,	, ,	\		Pricing		(**************************************
Part No.	Mfr. P/N	Description	364 36	8 * 1	70C+ 70,	379* 876 373	Ze 101	Taton &	哲*	94 PAS	34 × 26	168	e/	1	10	25	207298
35326	XY4012	Soldering tip - conical bevel 1/32"	1		1	1		1	1		1	1	1	\$4.49	\$3.95	\$3.65	207270
35078	XY402	Soldering tip - semi-chisel 1/32"	1		1	1		1	1		1	1	1	4.49	3.95	3.65	CHIEF A
35334	XY4032	Soldering tip - conical sharp 1/64"	1		1	1		1	1		1	1	1	4.49	3.95	3.65	
35115	XY4042	Soldering tip - conical chisel 1/16"	1		1	1		1	1		1	1	1	4.49	3.95	3.65	35297
35238	XY4052	Soldering tip - semi-chisel wide 1/8"	1		1	1		1	1		1	1	1	4.49	3.95	2.95	
207351	XY4102	Soldering tip - chisel 3/16"	1		1	1		1	1		1	1	1	4.49	3.95	3.65	
140231	XY4302	Soldering tip - SMD flat pack 7/32"	1		1	1		1	1		1	1	1	6.95	6.35	5.55	35318
156814	XYB01 ≈	Soldering tip - sharp conical chisel 1/32"		1			1							5.95	5.35	4.75	The state of the s
207327	XYB03 ₹	Soldering tip - conical sharp 1/64"		1			1							6.59	6.25	5.35	407404
207298	XYB05₽	Soldering tip - semi-wide chisel 1/8"		1			1							4.49	3.95	3.65	127634
35297	XY37 2	Heating element - (nichrome)			1	1		1			1		1	16.95	14.95	12.95	
35318	XY48 2	Assembly - 60W w/ nichrome heater			1	/		1			1		1	29.95	26.95	23.95	
127634	XYD10 ≈	Desoldering tip - 1.0mm (.0394")							1	/	1			8.95	7.95	6.95	127642
127642	XYD12 ₹	Desoldering tip - 1.2mm (.0472")							1	/	1			8.95	7.95	6.95	
127651	XYD15 ≈	Desoldering tip - 1.5mm (.0586*)							1	1	1			8.95	7.95	6.95	127651

Soldering Kit

13.8"L x 11"W x 3"H

Solder Spool Stand

Solder not

included

100

\$7.95

\$8.95

Includes: 100W soldering gun with extra tip, 30W soldering iron, manual desoldering pump, mini third-hand board/component holder, lead solder, and soldering aid tool.



Weight (lbs.)	Price
4.0	\$35.95

Vacuum Pen Tools ESD safe body 207239

Picks up components with weight of 1.1 lb

I.I IDS.	or less	*	
Part No.	Description 1	10	25
207239	Handivac tool ₹ (4 tips and cups)\$23.95	\$21.95	\$19.95
207247	Pen vac tool ₹ (6 tips and cups/aluminum body) 39.95	33.95	29.95

Solder Spool & Iron Stand

 4 pc. spool stand Solder not (some assembly required) • Size: 6"L x 3.5"W x 3.1"H

Description

GSR-600A

 Sponge size: 1.6"W x 2.4"L Shaft diameter: 0.6"
 Wt.: 2.0 lbs.

12 pc. solder spool stand

(some assembly required)

Size: 3.6"W x 3.9"D x 4.3"H

Temperature Regulated

HI/LO temperature switch

P/N 176057 or 170465, right

110VAC @ 2.7A; 50-60Hz

Holds up to 1 bar of

· Input voltage:

Between 420°C and 450°C

2 conductor power cord: 5' 9" long

· Shaft dia.: 0.6"

· Weight: 1.6 lbs.

Part No.

141761

Part No. 169551 Spool & iron stand \$10.95 \$8.95

*Solder Spools — Enter Web Code YAU

*Solder Pots — Enter Web Code HAW

300-Watt Solder Pot

• Size: (unit) 4.8"H x 5.5" Dia. (base) • Weight: 5.9 lbs.

• Size: (tub) 2.4"Dia. x 1.6"D • One-year warranty

Temperature Adjustable

- · 2-wire power cord (5'5")
- Temperature: 0°C to 500°C Self-regulating temperature
- Input voltage: 110VAC @ 5.5A
- On-off power switch and LED indicator for heat
- Holds up to 3 bars of P/N 176057 or 170465, below

600-Watt Solder Pot

Size (unit): 6.8"L x 5.5"W x 2.8"H

 Size (tub): 3.9"L x 1.6"D · Weight: 7.4 lbs. Includes: Skimmer and removable dross tray

Part No. Description

172276 600W solder pot...... \$229.95 \$199.95

2000-Watt Solder Pot

Thermostat control for setting temp. from 50°C to 300°C

Holds up to 48 bars of P/N 176057 or 170465, below

3 conductor pigtail power cord: 5'L

- Input volt.: 110VAC @ 18A, 50-60Hz single phase
- Size (unit): 18.1"L x 11.5"W x 6.0"H
- Size (tub): 12.0"L x 8.0"W x 2.9"H

 Weight: 23.1 lbs. One-year warranty Part No. Description

10 149876 2000 watt solder pot \$359.95 \$299.95

Solder Bars

 Used with solder pots
 Size: 13"L x 0.9"Dia. 176057: 60/40

170465: 63/37 668406: 99.3% tin, 0.7% copper 668414: 96.3% tin, 3.2% silver, 0.5% copper

Part No. Description Wt. (lbs.) 1 10 1.1 \$20.95 \$18.95 \$17.95 176057 60/40 99.3/.7 🕿 170465 1.8 **19.95 18.95** 18.59 668406 99.3/.7 2.2 **49.95** 47.95 45.95 96.3/3.2/.5 **₹** 2.2 **79.95 71.95** 668414

Combination 42-Watt Soldering Station and Fume Extractor

- Power consumption: 42W @ 650°F (soldering iron)
- Adjustable knob for temperature control: 500°F to 800°F
- Stability @ idle: ±9°F
- Max. air volume: 95/115CFM
- · LED indicator for pilot light
- Electronic zero-voltage switching
- Input voltage: 100-120VAC @ 60Hz
- Size: 6.4"W x 7.8"H x 4.7"D
- · Weight: 5.2 lbs.

Includes: Soldering iron, iron holder, sponge, carbon activated filter, power cord and manual

Part No. Mfr. Part No. 183169 456DLX 🕿 \$89.95 \$69.95



10

Fume Extractor

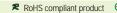
Absorbs noxious lead fumes using activatedcarbon filter and a high-efficiency fan

- · Operate continuously providing filtered air
- Static ground jack Fuse protected
- Air flow: 115 CFM Noise: 49dB fan
- 20VAC, 60Hz, 22 watt
- Aerodynamic hood design for
- effective removal of solder fumes
- Black anodized aluminum case
- Removable carbon-impregnated filter
- Size: 6.4"W x 4.6"D x 7.9"H
- Weight: 4.6 lbs.
- One-year warranty

Includes: Detachable power cord

Part No. Description 10 120150 .. \$58.95 \$49.95 \$44.95 Replace. filters (2/pk) ₹ 9.95

*Fume Extractors — Enter Web Code HAR



*Solder Bars — Enter Web Code ABD

300W solder pot ₹ \$79.95

NEW









Part No.

Pricing

10

\$12.95

23.95

26.95

44.95

25.95

54.95

17.95

1.89

22.95

24.95

.85

RoHS Compliant Product

Weller **Fume Extractor**

This fume extractor removes flux fumes from the soldering workbench by drawing smoke through an activated carbon filter. With its exceptionally quiet fan, it can process up to 1.37 cubic meters of air per minute and its stand is adjustable allowing it to be set-up in multiple positions.

Volt.: 120VAC
 Sound level: 45-50dB
 ESD safe

- Air consumption: 87-107CFM
 - UL/CUL listed

(UL)

- Power consumption: 20W
- · Weight: 4.2 lbs.
- Absorption capacity: 1.25 cubic meters to 1.37 cubic meter per minute • Size: 10"L x 6.5"W x 11"H

Part No.	Mfr. Part No. 1	5
684810	WSA350 \$56.95	\$51.95
684828	WSA350F (carbon filter)	6.95

Fume Extractor

Designed to remove solder flux fumes and other workplace fumes from the operator's breathing zone. Uses activatedcarbon filter and a high efficiency fan. Air is filtered, cleaned, and returned to the workplace.



- Power: 20W
- · Arm length: 29" Fan specifications: 50dB S/N ratio; 87cfn
- Size: 8.3"H x 8.3"W x 5.3"D · Weight: 3.3 lbs.

Part No.	Product No.	- 1	10
667420	GS-630A 2	\$49.95	\$44.95
672579	GS-628-08 (Carbon filters 3 pk.)9.95	8.95

*Fume Extractors — Enter Web Code HAR

Clip-On Heat Sink Absorbs and dissipates

heat during soldering and desoldering sensitive parts

Size: 2.7"L x 0.7"W

Part No.	Cross Ref. No.		10	50
159126	HT156\$	2.95	\$2.65	\$2.45

Heat Sink Compounds

Thermally loaded siliconebased grease that improves transfer of energy across the metal-to-metal interface between transistor or rectifier and heat sink.



50

• Color:	opaque wnite	236823				
Part No.	Mfr. Part No.	1	10	10		
167249	THM250 (2 oz.) ≉	\$8.95	\$7.95	\$6.9		
236823	54114 (1 oz.) 🗷	4.95	4.45	3.9		

GC 1000 **Heatsink Compounds**

Silicone (Z9)

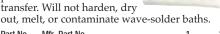
Industry standard zinc oxide-filled silicone heatsink grease for most applications. 615321
Will not soften at elevated temperatures,
dry out or harden. Meets MIL SPEC C-47113

dry out or narden. Meets MIL SPEC C-4/113							
Part No.	Mfr. P/N	Description 1	10	100			
615304	10-8106	1 lb. can \$29.95	\$26.95	\$23.95			
615312	10-8108	6.5 gram tube 2.95	2.59	2.09			
615321	10-8109	1 fl. oz. tube 7.95	7.25	6.55			

* Heat Sink Compounds — Enter Web Code YBA

TEGHSPRAY Heat Sink Compound 4-oz.

This silicone-free compound provides more effective heat transfer. Will not harden, dry



Part No.	Mfr. Part No). 1	10
169252	1978DP 🕿	\$24.95	\$23.95

Soldering Tip Cleaner with Stand

- · For cleaning soldering iron tips without the use of water and sponge
- Metal wool for cleaning
- Rubberized base for stability

Part No.	Description 1	10	50
156777	Tip cleaner & stand ₹ \$4.95	\$4.49	\$3.95
160004	Metal wool replacement ₹ 2.95	2.69	2.29

No-Clean **Desolder Braids**

Meets all of the most stringent soldering standards for world-139951 wide application including: MIL-F-142560D Type R, NASA specification NHB5300.4, NPC200-4 and SP-5002. (5' in length) 124126

Part No.	Description 1	10	100
139951	.030"W desolder braid ₹ \$3.59	\$3.39	\$2.85
124126	.055"W desolder braid 2 3.59	3.39	2.85
124118	.075"W desolder braid 3.59	3.39	2.85



ProWick® **Desolder Braids**

* Web Code: DAG

263695

Pure Rosin Finest oxygen-free and oil-free fine-gauge wire, the 100% copper wick is then coated with flux, which cleans connections thoroughly during desoldering to insure

maximum solderability. The thin coating of flux also provides dependable, long lasting protection from oxidation. (5' in length)

263695 1803-5F (0.075"W) ≈ \$2.65 \$2.09 \$1	Part No.	. IVIII. Part IVO.		10	100
2/2F00 1004 FF (0.000"\A\)	263695	1803-5F (0.075"W) ₹	\$2.65	\$2.09	\$1.99
263599 1804-5F (0.098"W) ₹ 2.95 2.75 2	263599	1804-5F (0.098"W) ₹	2.95	2.75	2.45

Acid Brush

· Used for application of reactive solvents

Part No.	Description	1	10	100
153322	Metal handle, 6"₹	\$.65	\$.55	\$.45

5' Desoldering Braids

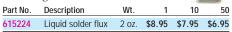
 Easy-to-use, handy dispenser Braided copper with flux

Fume Extractors & Soldering Accessories

Part No.	Description	1	10	100
41082	.079"W braid (5') 🕿	\$1.89	\$1.69	\$1.29
41100	.098"W braid (5') 🗷	1.99	1.79	1.39
153462	.120"W braid (5') 	2.25	1.95	1.65

Liquid Solder Flux

Non-corrosive rosin flux for removing solder residue.



Soldering Paste

A strong flux for soldering sheet metal parts, buss wires to steel chassis, tinning & cleaning of soldering tips.



Part No.	Description	Wt.	1	10	50
615494	Soldering paste	2.29 oz.	\$9.95	\$8.95	\$6.95

3M Tartan 1710 Electrical Tape

3MTM TartanTM 1710 vinyl insulating tape offers good resistance to abrasion, moisture, alkalis, acid, copper corrosion and varying weather conditions (including ultraviolet).

 UL listed
 3/4"W x 60'L
 Flame retardant Part No. Mfr. Part No. 10 1 100 3M 49656 \$1.09 \$.99 \$.75

Plastic Pump Bottle

· Makes one pint of each solution

Part No. Mfr. Part No. 10 158131 ER3**2** \$9.95 \$8.95 \$7.95

PANAVISE PV Jr. Vise

- · Jaw opening: 2.8"
- Jaw size: 1" wide x 2" long
- · Jaw heat tolerance: 350°F
- Vertical/horizontal jaw grooves
- Fine/course adjusting knob
- The vise neck tilts, turns and rotates
- · Base bolt is 4.3" and fits all PanaVise base mounts
- Vise height: 6.8" · Weight: 1.4 lbs.

Part No. Description 10 134439 Jr. vise w/ mountable base ₹ \$25.95 \$22.95

* Web Code: ABD

Rosin Core Solder Rolls and Pocket Packs % Composition



Part No Manufacturer Tin Lead Silver Copper Dia. (in.) Wt. (lbs.) 668078 Jameco VP 🕿 99.3 0.04 0.6 \$14.95 0.7 668262 Jameco VP 🕿 96.3 3.2 0.5 0.04 0.6 25.95 668271 Jameco VP 🕿 96.5 0.04 3.5 0.6 29.95 668297 Jameco VP 🕿 96.3 3.2 0.5 0.04 1.1 49.95 1945858 Various **2** 96.5 3.0 0.5 0.02 1.1 27.95 668318 Jameco VP₹ 96.5 3.5 0.04 1.1 59.95 141786 60 40 0 0.031 1.10 19.95 Super 170457 Golden 🕿 99.3 0.7 0.031 0.06 1 95 32117 Kester 60 40 0 0.031 1.00 25.95 115433 37 0 Kester 63 0.039 0.07 .99 151474 Kester³

Organic core *For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



PANAVISE Vacuum Vise

- · Patented "split ball" feature tilts/ turns/rotates through three planes
- Nylon jaws open a full 2.25' Powerful suction pad for
- quick and easy set-up • Size: 5.0"L x 4.0"W x 6.3"H
- Weight: 3.3 lbs.
 One-year warranty

Part No.	Mfr. Part No.	1	10
27131	M381 %	\$59.95	\$57.95

Clamp Vise * Web Code: TAD

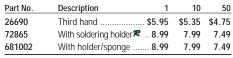
- · No tools needed finger turn to tighten
- Ball cup allows vise to adjust to any angle
- Nylon jaws open 2"

• Size: 10.0"L x 2.5"W		 Weight: 2.1 lbs. 		
Part No.	Description	1	10	
127167	Clamp vise	\$19.95	\$17.95	

Third Hand Tools

- Two adjustable arms with alligator clip jaws
- 2" diameter magnifying lens
- · Quick and easy rotation
- Sturdy, heavy base

72865 With soldering holder Wt.: 1.4 lbs. 681002: With soldering holder and sponge



681002

PANAMSE Electronic Work Center

- · Circuit board holder, standard base, tray base mount, solder station, sponges and wire holder included
- Size: 8.5"W x 7.8"H · Weight: 5.3 lbs.
- One-year warranty

Part No.	Description	
27060	Flectronic center 2	\$80



Hot Air SMD Rework Station with Digital Display

- Incorporates a US made pump the largest in the industry
- · Long life ceramic heater insures accurate and sufficient heat where you need it
- Automatic cooling mode protects the heating element
- Power supply: 100-120VAC or 220-240VAC
- · Airflow capacity: 1.5L/min. to 28L/min.
- · 310W nichrome heating element
- · Electronically controlled temperature system with digital readout in preset and actual temperature
- Hot air temperature range: 100°C 385°C (212°F 725°F)
- 25W diaphragm pump
- Adjustable air-flow • Size: 7.4"W x 9.6"D x 5.0"H • Weight: 10.8 lbs.

Includes: Precision 5-pc. non-magnetic tweezer set, 4 focus hood tips (single 2.5mm and 4.4mm pipes, P/N 262895 and 262908)



★ Web Code: NAT





Part No.	Mfr. Part No.	Description	1	5
262705	850D ≈	Hot air SMD rework station with 4 focus hood tips	\$395.95	\$375.95
262810	A1135B ≈	Focus hood tip, PLCC 17.5 x 17.5	29.95	25.95
262836	A1137B ≈	Focus hood tip, PLCC 30 x 30	45.95	39.95
262967	A1138B ≉	Focus hood tip, PLCC 30 x 30	45.95	39.95
262895	A1125B ≈	Focus hood tip, QFP 10 x 10	29.95	25.95
262908	A1126B ≈	Focus hood tip, QFP 14 x 14	29.95	25.95
262916	A1127B ≉	Focus hood tip, QFP 17.5 x 17.5	29.95	25.95
262852	A1261B ≈	Focus hood tip, QFP 20 x 20	45.95	39.95
262844	A1182B ≈	Focus hood tip, BQFP 24 x 24	45.95	39.95
262801	A1129B ≈	Focus hood tip, QFP 28 x 28	45.95	39.95
262887	A1265B ≈	Focus hood tip, QFP 32 x 32	69.95	65.95
262932	A1258B ≈	Focus hood tip, SOP 7.6 x 12.7	29.95	25.95
262941	A1260B ≈	Focus hood tip, SOP 8.6 x 18	29.95	25.95
262975	A1259B ≈	Focus hood tip, SOP 13 x 28	45.95	39.95

PANAMSE Multi-Purpose Work Center

- · Jaws open to 9"
- · Double action extra wide self-centering heads allow fast opening and closing; centered weight allows jaws to hold heavier objects; plates can be reversed to close together; reversible jaw pads feature
- ribbing on one side and a V groove on the other Base has three 1/4" countersunk mounting holes
- · Overall base diameter is 8.5"

Part No.	Mfr. Part No. 1	10
684852	350 ≉ \$ 82.95	\$77.95

Rapid Assembly PanaMse Circuit Board Holder

- 8 positions rotating adjustment, six positive lock positions in the vertical plane and height adjustment for quick board rotation speeds
- Holds circuit boards from 1/8" (3.2mm) to 12" (304.8mm) wide & up to 5/32" (4mm) thick
- · Weight: 6.4 lbs. Arms move independently
- 10" high (from base to top of vertical shaft)

Part No.	Mfr. Part No. 1	10
684844	333 ≉ \$69.95	\$65.95

Chemicals

TEGHSPRAY

- · Safe on plastics EPA SNAP approved, no CFCs or HCFCs
- Shipped via UPS ground to continental U.S. only

















Envi•Ro•Tech™ Duster Removes microscopic contaminants, lime, dust,

metallic oxide, deposits, and other soils without the use of harmful solvents.

Part No.	Description	Wt. (lbs	.) 1	12
139900	10 oz. aerosol w/ trigger₹	* 0.8	\$11.65	\$10.65
263530	15 oz. aerosol w/ trigger ₹	* 0.8 .	12.89	11.95

Envi•Ro•Tech™ Freezer

Rapidly evaporating liquid that can chill to -62°F. Part No. Description Wt. (lbs.) 1 139934 10 oz. aerosol can ₹ * 0.8 \$13.35 \$12.65

ECOLINE Flux Remover

· Dissolves R, RMA, RA, SA & most no-clean fluxes

Part No.	Description	Wt. (lbs.) 1	12
118041	10 oz flux remover 2 *	0.8	\$11.95	\$10.95

ECOLINE Contact Cleaner

- · Ideal for switches, relays & other places on electrical connections
- Will not damage switch housings

Part No.	Description	Wt. (lbs	.) 1	12
118033	10 oz. contact cleaner₹	* 0.9	\$10.39	\$9.75

Isopropyl Alcohol

99.8%+ pure, anhydrous isopropanol for allpurpose cleaning. Excellent for tape head cleaning, removal of fluxes, light oils, polar soils, and white mineral residue.

Part No.	Description	Wt. (lbs.)	1 12
263572	1 pint bottle ? *	1.1 \$12. 9	95 \$10.95

No-Clean Flux Dispensing Pen

The resin and halide-free no-clean flux will leave no residues. It provides optimum wetting over a wide range of surfaces and will not damage commonly used plastics.

Part No.	Description	Wt. (lbs.)	1	5
481764	11.5 ml pen*	0.1 \$	6.79	\$6.49

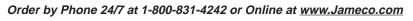
Conductive Pen

Contains a fast-drying, silver-filled ink designed to quickly make highly conductive silver traces.

- Repairs traces
- Links components
- Makes smooth jumpers
- Shields components
- Description Wt. (lbs.) Part No. 12 0.1 \$19.95 \$18.95 263716 4.89 ml pen 2 *

RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.





LEVELS OF SAVINGS



Specialty Enclosures

M Series









AMECO

EXCLUSIVE

A Series C Series A Series — with PCB Boss Mounts

- · 4-piece design · Interchangeable end panel
- 4-insert areas for customized I-plates

Part No.	Mfr. Part No.	Color	Batt. Holder	Size (L" x W" x H")	1	10	50
373456	A-42-BK ₹	Black	None	7.12 x 5.00 x 1.62	\$14.45	\$11.25	\$10.50
373608	A-42-9V-BK ₹	Black	1-9V	7.12 x 5.00 x 1.62	17.75	14.08	12.10

H Series

SERPAC

C Series — with Pinch-Fit for PCBs

• Simple 2-piece design • 2-insert areas for customized I-plates

675331 C-4-BK♥ Black 2.13 x 1.38 x 0.	58 \$2.65	\$2.05	\$1.85
675382 C-12-BK ₹ Black 3.75 x 2.40 x 1.4	00 4.19	3.45	2.58

H Series — Handheld with Built-in Battery Holder

• Ergonomic handheld design • 5-insert areas for customized I-plates

Part No.	Mfr. Part No.	Color	Batt. Holder	Size (L" x W" x H")	1	10	50
374512	H-65-AA-BK ₹	Black	2-AA	4.94 x 2.75 x 0.94	\$7.75	\$5.75	\$5.67
374635	H-65-9V-BK ₹	Black	1-9V	4.94 x 2.75 x 0.94	7.59	6.29	6.09
675323	H-67-BK ₹	Black	None	4.94 x 2.75 x 1.28	7.49	5.99	5.62
374942	H-67-9V-BK ₹	Black	1-9V	4.94 x 2.75 x 1.28	7.79	6.83	6.26
374601	H-75-4AA-BK ₹	Black	4-AA	7.20 x 3.65 x 1.20	12.55	9.97	9.36

M Series — Handheld with Built-in Battery Holder

- · Streamlined handheld design
- · 5-insert areas for customized I-plates * Translucent

Part No.	Mfr. Part No.	Color	Size (L" x W" x H")	1	10	50
675438	M-6-BK ≈	Black	4.15 x 2.40 x 0.85	\$7.79	\$6.10	\$5.72
694815	M-6-TR-GY ₹	Gray*	4.15 x 2.40 x 0.85	13.55	9.77	9.07

Please Note: Images used are representative. Color and shapes may vary by model.

S Series — Two-piece Standard Enclosures

- 2-piece design 2-insert areas for customized I-plates
- † Insert on top is recessed 0.015" on all models designated with an "I"

Part No.	Mfr. Part No.	Color	Batt. Holder	Size (L" x W" x H")	1	10	50
675454	110-I-BK 欠 †	Black	None	3.61 x 2.27 x 1.01	\$3.45	\$2.71	\$2.63
675462	111-BK ≉	Black	None	3.61 x 2.27 x 1.51	3.95	3.12	2.95
675489	131-BK ₹	Black	None	4.38 x 3.25 x 1.51	5.15	4.05	3.99
675569	211-BK ≈	Black	1-9V	4.10 x 2.60 x 1.51	5.05	4.30	3.13
675497	133-BK ₹	Black	None	4.38 x 3.25 x 2.51	5.79	4.55	4.50
675500	151-BK ₹	Black	None	5.63 x 3.25 x 1.51	5.99	4.69	4.59
675593	251-BK ₹	Black	1-9V	5.63 x 3.25 x 1.51	8.79	6.96	5.98
675518	153-BK ₹	Black	None	5.63 x 3.25 x 2.51	7.69	5.30	4.66
675526	171-BK ₹	Black	None	6.88 x 4.88 x 1.51	8.75	6.79	6.69
675534	172-BK ≈	Black	None	6.88 x 4.88 x 2.01	8.29	7.70	7.31
675542	173-BK ≈	Black	None	6.88 x 4.88 x 2.51	9.75	7.68	7.53
675551	193-BK ₹	Black	None	9.50 x 6.34 x 2.51	13.79	10.85	10.57

* Web Code: TBY

SL Series — Sloped Top Enclosures

Slanted top • 2-insert areas for customized I-plates

Part No.	Mfr. Part No.	Color	Size (L" x W" x H")	1	10	50
694680	27-S-BK ₹	Black	6.88 x 4.88 x 2.49	\$9.95	\$8.22	\$7.81

R Series — Waterproof Cases

- · Waterproof to 30 ft, dustproof, corrosion proof · Lifetime quarantee
- Features auto pressure purge valve, secure lock holes,

nut & bolt security, and foam-filled · Airtight and UV protected

Part No.	Mfr. Part No.	Color	Size (L" x W" x H")	1	10	50
675614	R-120F ₹	Black	7.6 x 5.0 x 2.2	\$18.85	\$15.03	\$14.28
675622	R-300F ₹	Black	9.59 x 7.42 x 3.98	44.95	38.21	33.71

Bug Boxes

- · Anti-static plastic
- · Fits in bug cage (P/N 11332, below) Box size:
- 4.9"L x 3.3"W x 0.6"H
- · Color: blue
- P/N 11341: stores sixty 8-pin or thirty 16-pin DIPs
- P/N 11375: designed to store all types of components

Part No.	Description 1	10	100
11341	30 compartments \$5.95	\$5.49	\$4.85
11375	3 compart./3 vertical &		
	3 horizontal dividers 5.95	5.49	4.85



Bug Tray

- · Fits in bug cage (P/N 11332, below)
- 10 compartments 3.2"L x 0.4"W x 0.4"H ea.
- Tray size: 4.8"L x 3.6"W x 0.5"H

Part No. Color Description 10 100 11800 Divided bug tray Blue \$6.39 \$5.75 \$4.85



Bug Cage

- · Holds bug boxes or trays
- Modular and interlocking
- Case size: 5.0"L x 3.9"W x 5.1"H Boxes/Trays not included Part No. Description







Drawer (319601) Divider (319611)

- · Drawer can be divided into 3 sections (clear)
- · Wall mountable cabinet (ABS black)
- Cabinet size: 6.0"D x 14.7"W x 7.4"H

Includes: 20 clear plastic drawers, 20 dividers and 30 adhesive I.D. labels

319601: 5.5"L x 2.7"W x 1.5"H; 319611: 2.5"W x 1.2"H

		* Orde	er in multip	oles of 10
Part No.	Description	1	10	50
319600	Component cabinet 2	\$16.95	\$15.95	\$14.95
319601	Drawer for cabinet	79	.69	.55
319611	Divider for cabinet 2 .	*	.12	.10

JAMECO ValuePro Plastic Fliptop Boxes

- · Clear plastic box with a clear plastic lid and removable dividers
- 100256: Size: 8.4"L x 4.5"W x 1.4"H 18 compartments (1.4" x 1.5" each)
- 148902: Size: 10.2"L x 4.7"W x 1.6"H 12 compartments (1.7" x 2.3" each)

100256 Part No. Description 10 100 100256 \$1.75 18 compartments 🗷 \$2.29 \$1.99 3.19 148902 12 compartments 3.99 3.59



Plastic Fliptop Case for SMDs



- · Color: gray
- 8 rows x 16 columns grid
- Fliptop openings on each bin
- Padded cover locks bins closed
- · Perfect match to store
- P/N 156882 SMD resistor assortment, pg 44 Size: 11.0"L x 8.3"W x 1.7"Thick

Includes: Labels for each bin

Part No.	Description 1	10
164267	SMD fliptop case ? \$55.95	\$49.95

JAMECO ValuePro Stackable Drawers

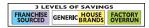
- Case size: 4.5"L x 4.4"W x 2.3"H
- Drawer size: 4.4"L x 4.0"W x 0.9"H
- · Color: blue/white

Part No. 10 100 Description Case/drawers \$1.85 \$1.68

Quick and Easy Search

Our enhanced website offers over a hundred thousand data sheets and photos to assist you in finding the products you need.

For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above



JAMECO ValuePro

The prototype builder boards on pg 157 are designed to fit into our ABS plastic and aluminum enclosures, metal cabinets and heavy-duty instrument cases. The pre-cut boards have 2 or 4 mounting holes compatible with the PC board mounting hardware listed on pg 157 (P/N 106551). Board description: Laminated glass epoxy 1/16" thick fire retardant per FR-4 specs. Copper-clad and solder mask one side. Drilled holes: .035" diameter on .080" square pad. Pads spaced on .10" x .10" grid.

Enclosures

See pages 94 - 95 for Knobs and Hardware





Part No.

208901

208911

208929

209350

209358





*All boards sold separately, see pg 157; multiple boards shown

105100 105153 208901

ABS Plastic Enclosures

Lid has a lip for precision fit (adds 0.4" height). Complete with four screws and lid. All sizes below are for interior dimensions.



Part No.	Product No.	Size (L x W x D)	1	10	50	100
18922	H2855 🕿	3.1" x 2.0" x 0.9"	\$3.25	\$2.95	\$2.65	\$2.39
18914	H2853 🕿	4.9" x 2.5" x 1.5"	. 3.95	3.55	3.19	2.75
18893	H2851 🕿	6.0" x 3.5" x 1.9"	4.79	4.31	3.88	3.49
18906	H2852 ₹	7.5" x 4.3" x 2.3"	7.25	6.51	5.86	4.39

Metal Enclosures

6.3" x 7.8" x 2.5" 11.95

· Mounting screws and rubber feet included

Cross Ref. No. Size (L x W x D)

 Glossy black textured steel top cover and ivory aluminum base

B2741A⊕

B2743A 🕿

R2744A 2

B2746A 🕿

B2747A 🕿

ubber feet included teel top um base		208929	4	
Size (L x W x D)	1	10	50	100
4.0" x 3.3" x 2.2"	\$5.95	\$5.25	\$4.49	\$3.95
5.9" x 5.3" x 3.0"	9.09	8.20	7.40	6.71
7.3" x 6.3" x 2.8"	11.19	9.59	7.69	6.01

8.95

13.35

7.25

10.10

9.95

17.65

Die-Cast Aluminum Enclosures

Ideal for RF circuits. Made from aluminum, an excellent heat-sink, these cases are great for high temp circuits (up to 600°C). Complete with screws.



Part No.	Cross Ref. No.	Size (L x W x D)	1	10	50	100
11957	B5002	3.9" x 2.0" x 1.0"	\$5. 9 5	\$5.39	\$4.85	\$4.35
11965	B5004	4.7" x 2.4" x 1.6"	8.99	8.10	7.29	6.56
11973	B5006	7.5" x 4.3" x 2.4"	16.75	15.08	13.56	12.21

ABS Heavy-Duty Instrument Cases

P/N 18877 includes ventilation and speaker sound slots. Color: gray 18869

Part No.	Product No.	Size (L x w x D)	1	10	50	100
18869	H2505 ₹	7.9" x 6.3" x 2.5"	\$7.89	\$7.10	\$6.39	\$5.75
18877	H2507 🕿	10.0" x 7.5" x 3.1"	9.45	8.39	7.69	6.75

Aluminum Enclosures

11886 Put them in an economical aluminum enclosure. The enclosure comes in two pieces which slide together



The enclosure comes in two pieces which shae together.				_		
Part No.	Product No.	Size (L x W x D)	1	10	50	100
11870	H2300 ₹	4.0" x 2.0" x 2.8"	\$5.49	\$4.49	\$3.95	\$2.95
11886	H2320 🕿	5.0" x 4.0" x 3.0"		7.78	6.23	4.67
11894	H2335 🕿	7.0" x 6.2" x 4.6"	9.95	9.45	8.99	8.54

ABS Enclosures w/ Clear Tops

Includes screws for mounting boards or electronic components, rubber gasket for a tight seal on your equipment & drilled holes for mounting.



Part No.	Cross Ref. No.	Size (L x W x D)	1	10	50	100
141832	203C1 🕿	4.6" x 3.2" x 1.8"	\$9.99	\$8.99	\$7.99	\$5.99
141841	203D1 🕿	6.5" x 3.4" x 2.2"	. 11.39	10.25	9.25	8.28
141859	203F1 🕿	7.3" x 5.7" x 3.0"	. 11.99	10.99	9.99	8.99

VECTOR Wire Wrap and Push-In Terminals

For .042" Diameter Holes

 Material: copper allov · Prebagged 100 pcs. 34147: Push-In Micro-Klip Terminals

· Overall length: .36" Post size: .032" x .045'

· Two-prong with square tail for wire wrapping



· Overall length: .69" · Post size: .025"Sq.



34147		*Web Code: XCE
		100 nc units

		Height Above	Length Below	100 pc	units
Part No.	Mfr. Part No.	.062" Board	.062" Board	1	10
34147	T421	.200	.097	\$11.25	\$9.85
34155	T44	.065	.530	11.45	9.80

Pre-Sensitized Circuit Boards & Developer DATAK

· Pre-coated circuit board • Size: 3.0"L x 4.0"W x 1/16"T

Includes	: Instructions		7	Steam State	100
Part No.	Product No.	Description	1	10	25
156751	14-034	Single sided	\$5.19	\$4.75	\$4.19
156734	12-404	4 oz. pos. developer*	16.05	14.89	13.75

^{*}Shipped via UPS ground – available continental U.S. only

Copper-Plated JAMECO" **Blank Circuit Boards /alue**Pro

Ideal for hobbyists & students doing prototypes of circuits. Single and double-sided boards are copper plated. · 1.6mm thick



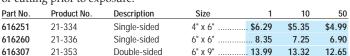


Fig. 1	Fig. 2	Fig. 3

Part No.	Cross Ref. No.	Description	Fig.	Size (L" x W")	1	10	50
169279	PCBS3X6	Single sided	3	3.0 x 6.0	\$3.49	\$3.14	\$2.35
169288	PCBS6X6 ₹	Single sided	2	6.0 x 6.0	4.95	4.46	3.56
169296	PCBS12X12₹	Single sided	1	12.0 x 12.0	13.49	12.15	10.95
169309	PCBD3X6 ₹	Double sided	3	3.0 x 6.0	3.69	3.30	2.99
169317	PCBD6X6 ₹	Double sided	2	6.0 x 6.0	6.95	6.45	5.95
169325	PCBD12X12 ₹	Double sided	1	12.0 x 12.0	18.95	17.19	15.35

Positive Pre-Sensitized Circuit Boards

1 oz. copper on 1/16" epoxy glass board, UL94V-0 rated. High quality positive pre-sensitized board is double protected from light and handling damage. The peel-off coating protects the board while handling or cutting prior to exposure.

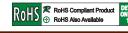


Bare Copper Circuit Boards – Single Sided

1 oz. copper on base of either fiberglass or reinforced epoxy board.

Part No.	Product No.	Size	1	10	50
616471	22-250	3" x 5" x 1/16"	\$2.59	\$2.39	\$2.10
616489	22-260	4" x 6" x 1/16"	3.75	3.49	2.99
616497	22-261	6" x 6" x 1/16"	4.99	4.75	4.25
616500	22-263	6" x 9" x 1/16"	5.79	5.49	4.99
616518	22-264	8" x 10" x 1/16"	10.65	9.98	8.81
616534	22-268	11" x 14" x 1/16"	19.95	17.95	15.95

RoHS compliant product 🕀 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 166.



General Purpose Prototyping Boards

Select the prototype board that fits your needs from our comprehensive product listing. Prototyping boards with

punched holes are convenient, economical tools for assembling circuit components and trying cost-effective alternatives to custom designs.

· 0.062" board thickness

0.08" pad size

• 0.1" hole spacing

 PCB material epoxy glass Plated through pads are double-sided

* Web Code: LAG See PCB enclosures on pg 156, and mounting hardware (recommend P/N 106551) below





AMECO





Holes Only







206578

21435

Circuit Patterns





Pad Per Hole Power/Ground Perimeter Bus with Pad Per Hole

	Cross Ref.	Size	Fits Enclosure(s)	Circuit	Hole	# Holes	Power/Ground	Connector	# Mounting	Wt.		Pric	ing	
Part No.	Number	(W" x L")	(see page 156)	Pattern	Pads	x Dia. †	Buses	I/O or Edge	Holes x Dia.	(lbs.)	1	10	50	100
105102	5002PCB ₹	1.50 x 3.50	11957	С	Single-sided	365 x .038"	4	None	2 x .140"	.02	\$6.95	\$6.25	\$4.95	\$3.95
105099	2855PCB⊕	1.60 x 2.70	18922	В	Single-sided	288 x .035"	None	None	2 x .115"	.02	4.95	4.49	3.95	3.49
105129	2853PCB ₹	2.00 x 4.40	18914, 11965	С	Single-sided	669 x .038"	4	None	4 x .140"	.03	8.45	7.59	6.75	5.95
105111	2300PCB ₹	2.40 x 3.40	11870	С	Single-sided	637 x .038"	4	None	2 x .140"	.03	7.95	6.95	5.69	3.95
263207	PCB-463 ₹	2.40 x 4.10	_	В	Plated through	640 x .042"	None	None	4 x .120"	.05	8.95	7.95	6.95	5.95
28177	PCB1⊕	2.42 x 4.10	_	С	Plated through	674 x .040"	None	None	4 x .120"	.04	6.95	5.95	3.95	3.29
263215	PCB-858 ₹	2.50 x 4.50	18914	D	Plated through	640 x .042"	None	None	4 x .120"	.05	8.95	7.95	5.95	4.95
105153	2851PCB ₹	3.10 x 5.50	18893	С	Single-sided	1450 x .035"	7	None	4 x .140"	.07	9.95	8.95	6.95	5.95
263223	PCB-69₹	3.30 x 3.70	_	В	Single-sided	900 x .042"	None	None	4 x .120"	.05	9.95	8.95	6.95	5.95
105137	2320PCB ₹	3.30 x 4.50	11886	С	Single-sided	1266 x .035"	4	None	4 x .140"	.06	8.95	7.95	6.95	5.95
105162	2852PCB ₹	3.60 x 7.00	18906, 11973	В	Single-sided	2225 x .035"	4	None	4 x .140"	.10	13.95	11.95	10.95	9.95
21532	JE417 ≈ ⊙ *	4.20 x 6.50	_	С	Plated through	2126 x .042"	2	D-sub 9/15/25/37	8 x .120"	.12	16.95	14.95	12.95	10.95
206587	2746APCB ₹	4.30 x 6.80	209350	С	Single-sided	2550 x .042"	5	None	4 x .140"	.07	9.95	8.95	7.95	6.95
21435	JE401(8001) ₹	4.50 x 6.50	18869	B/D	Single-sided	2360 x .042"	2	None	None	.12	19.95	16.95	14.95	12.95
21452	JE405(8003) ₹	4.50 x 6.50	18869	С	Single-sided	2360 x .042"	1	None	None	.12	16.95	14.95	12.95	10.95
206578	2743APCB⊕		208911	С	Single-sided	1684 x .042"	5	None	4 x .140"	.07	6.95	5.95	4.95	3.95
105180	2505PCB ₹	5.00 x 6.50	18869	С	Single-sided	2829 x .035"	7	None	8 x .120"	.13	13.95	12.45	10.95	9.95
28194	PCB3 ₹	5.00 x 8.00	18877	С	Plated through	3705 x .042"	4	Mounting area-I/O	4 x .120"	.17	23.95	19.95	18.95	18.45
21478	JE407(8006) ≈		_	В	Plated through	6063 x .038"	None	None	8 x .120"	.28	42.95	38.95	28.95	20.95
206594	2747APCB⊕	5.50 x 8.00	209358	С	Single-sided	3906 x .042"	5	None	4 x .140"	1.0	11.95	10.95	9.95	8.95
105187	2507PCB⊕	6.10 x 8.80	18877	С	Single-sided	4771 x .035"	7	None	8 x .140"	.21	19.95	17.95	14.95	12.95
263232	PCB-7038 ₹	8.30 x 11.9	_	В	Plated through	8819 x .042"	10	5	4 x .115"	.40	39.95	35.95	31.95	27.95

PC/XT 8-bit Blue Part No. = Limited Quantity Available

169P84WF

VECTOR Vector Prototyping Boards 43140 64P44XXXP 4.50 x 6.50# 18869 Drilled only 2860 x .042 None None .09 \$7.39 \$7.05 52943 84P44\NF 4.50 x 8.50 18877 Α Drilled only 3740 x .042" None None None .15 12.95 12.45 11.95 37604 169P44WF 4.50 x 17.0 Α Drilled only 7524 x .042" .31 None None 19.95 19.35 18.95 None 37612 169P44XXXP 4.50 x 17.0# Α Drilled only 7524 x .042" None None .25 13.95 13.45 12.95 None

14.448 x .042"

Drilled only

PT Series Prototyping Boards

None

None

* Web Code: WCG

\$6.99

10.95

18.45

12.85

25.95

2.15

Electro Design

Accommodates any mixture of 0.3" to 0.6" wide IC's with any number of pins, and any combination of resistors, capacitors, diodes, transistors, etc.

4 power buses that connect to a power jack (recommended P/Ns 101178 & 101186, pg 61)

Part No.	Cross Ref. No.	Size	Hole Pads	# Holes x Dia.	# Mntg Holes x Dia.	1	10	50
645677	PT-35X25	3.5"L x 2.5"W	Double-sided	456 x .036"	4 x .140"	\$16.95	\$14.95	\$12.95
262511	PT-5X37	5"L x 3.7"W	Double-sided	1135 x .036"	4 x .140"	. 23.95	21.95	18.95
262537	PT-6X49	6"L x 4.9"W	Double-sided	1931 x .036"	4 x .140"	. 31.95	28.95	25.95



None



28.95

27.95

2.65



26.95



37621

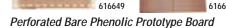


8.50 x 17.0









Unexcelled for prototypes, breadboards, hobby or science projects. Bare phenolic board with no copper clad.

- 0.093" dia. holes, 0.1" spacing
- Size: 6.0"L x 4.5"W x 1/16"Th

Part No.	Mfr. Part No.	1	10	50
616690	22-516 🕏\$	5.95	\$5.45	\$4.95

Prototype Boards

Experimenter's Phenolic Prototype Boards

616649: • Copper plated with 94 five-point terminals and two 40-point bus strips

- Size: 6.0"L x 2.0"W x 1/16"Thick
- 616673: Single land pattern
- Size: 6.75"L x 3.38"W x 1/16"Thick

Part No.	Mfr. Part No.	1	10	50
616649	22-508\$	8.95	\$8.19	\$7.39
616673	22-512 🗷	5.95	5.39	4.85

Versa Strip Phenolic Prototype Board

- Alpha-numeric indexing • 0.035" diameter holes
- Silver-plated land patterns
 0.1" centers
- Size: 3.5"W x 6"L x 1/16"Th

)	Part No.	Mfr. Part No.	1	10	50
,	616622	22-502	\$9.95	\$8.95	\$8.45

Plug-In IC Phenolic Prototype Board

.53

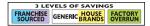
IC's plug directly into board. It's 0.1" spacing accepts 14-pin up to 20-pin IC's. Silver plated lands with 24-way card edge connector plug on one end. 0.1" centers x 2 3/8" wide x 4" long x 1/16" thick, 0.035" diameter holes.

616614 22-500	Part No.	Product No.	1	10	50
	616614	22-500	\$3.95	\$3.55	\$3.25

Dry Concentrated Etchant

Iviakes one pint of etch solution						
Part No.	Mfr. Part No.	1	10	50		
70201	ER3*	\$4.95	\$4.55	\$3.95		
*Shipped via LIPS ground - Available continental LLS only						

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above

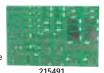


²⁰ pieces; PC board mounting hardware (4 spacers, 8 screws and 8 washers) used with all above boards (manufacturer may vary) 106551 † All 0.042" diameter hole boards use terminals P/Ns 34147 and 34155 (pg 156), P/N 34163 (see web) # PCB material: phenolic

BELLIN DYNAMIC SYSTEMS, INC. Surface Mount Proto Boards

Prototyping SMT circuit boards has been tedious and time-consuming. Now there is an easy, cost-effective and versatile Snap-ApartTM solution from Bellin Dynamic Systems.





Application example

using 215503 · V-groove scoring between elements for smooth straight edges • Size: 7.6"L x 5.0"W

Compatible w/ .100" single or dual row male headers (see pg 65)

 Board thickness: 0.031" Visit www.Jameco.com for additional specifications

Board	inicknes	s: 0.031" • VISIT <u>www.Ja</u> i	meco.com for add	iitionai specifi	cations
Small SI	ИT		* Web Code: HDS		
Part No.	Mfr. P/N	Board Description	~ vveb code: HDS	1	10
215491	B502	160 SMT pattern, SOT/SOIC/TS	OP/MSOP/DPAK & m	ore \$44.95	\$39.95
227344	B513	300 SMT pattern, SC90, SOT23-	6, 323-6, TSOP, MSOP	8, 10+ 44.95	39.95
SOIC					
215520	B505	60 SOIC SMT pattern, SOIC 8, 1	4, 16, 24, 32, 40 & m	nore \$44.95	\$39.95
227310	B510	140 SMT pattern, SOIC 8 to DIP	.300" width	44.95	39.95
227328	B511	63 SMT pattern, SOIC nrw/wd 8	, 14, 16, 18. 20 to DI	P.300" 44.95	39.95
227352	B514	72 SMT pattern, SOIC narrow 8,	, 14, 16, 18. 20 to DIF	2 .300" 44.95	39.95
227361	B515	30 SMT pattern, SOIC 24, 28, 32	2 to DIP .600" width .	44.95	39.95
Fine Pita	ch Dual I	Row			
215503	B503	34 SMT pattern, SOIC/QSOP/TS	OP/MSOP/TSSOP & I	more \$44.95	\$39.95
227281	B507	40 SMT pattern, SSOP/TSSOP 1	6, 20, 32, 40 & more	44.95	39.95
323889	B516	54 SMT pattern, 0.65mm TSSOP 1	4/16/20/28 to DIP 0.30	0/0.600 44.95	39.95
681141	B536	4 SMT pattern, 0.5mm TSSOP 1	4/16/20/28	44.95	39.95
Quad					
215511	B504	25 SMT pattern, QFP32, 44, 48, PLCC18, 20, 28, 32, 44	52, 54, 64, 70, 80, 10	00 \$44.95	\$39.95
323918	B518	2 SMT 0.65mm or 0.8mm pitch QFP32/40/48/56/64 (by 8-pin in			39.95
336479	B530	8 SMT, 0.65/0.80mm QFP/MLF 8	- 80 pins (even # of pir	ns/side) 44.95	39.95
336487	B531	8 SMT, 0.65/0.80mm QFP/MLF 4	- 76 pins (odd # of pin	s/side) 42.95	37.95
336508	B533	8 SMT, 0.40/0.50mm QFP/MLF 4	- 76 pins (odd # of pin	s/side) 42.95	37.95
681150	B535	8 SMT, 0.40/0.50/0.65/0.80mm	QFP/TQFP/QFN/MLF/	MLP 44.95	39.95
		4/8/12/16/24/28/32 pins			

PLCC Prototype Adapter

- PCB construction PLCC socket slotted for PLCC chip remover
- Tin-plated PLCC connector Gold-plated round pins
- PLCC socket identifies pin 1 and orientation key

Mfr. P/N Description

Silkscreen numbers identify pin numbers in groups of 5 and 10

Part No.	Pins	Size (L x W)	1	10	100
73542	44 %	2.3" x 1.6"	\$11.95	\$10.95	\$9.95
73569	84 🗷	4.3" x 1.9"	19.95	17.95	15.95

KIT-302 1 each of B504, B505, B507, B508, B510, B513, B514, B515,

B516, B517, B518, B519, B535, B536, B537 & 3 of B500

micro Engineering Rabs PICBasic & Pro Compilers

- Compatible w/most PICmicro MCU programmers including EPIC plus
- Use in DOS or Windows® (includes Windows® editor/DE software)
- · I2C instructions to access external serial EEPROMs

132661: PICBasic Compiler

- Expanded BASIC Stamp I compatible instruction set
- Serial speeds to 9600 baud
- Supports PIC12C67x, 14Cxxx, 16C55x, 66x, 7xx, 84, 92x, and 16CF8xx microcontrollers

150543: PICBasic Pro Compiler

- · Direct and library routine access to any pin or register
- Automation page boundary handling past 2k · Built-in LCD support
- · Bit, byte, word arrays MPLAB/MPASM/ICE compatibility
- Supports PIC12C5xx, 12C67x, 12CE67x, 14C000, 16C5x, 16C55x, 6xx, 7xx, 84, 92x, 16CE62x, 16F62x, 7x, 8x, 87x, 17Cxxx and 18Cxxx microcontrollers

Part No.	Description	1	10
132661	PICBasic compiler	\$89.95	\$79.95
150543	PICBasic Pro compiler	225.95	195.95



SO/SOP Boards

Mfr. Part No.

202-004-01

Prototyping Boards

SmartBoard™ is the only prototyping system that makes it possible for anyone to hand solder mount components. Whether SOIC, QFP, QFN or even BGA you can easily, flawlessly and quickly hand solder it. • Size: 2" x 2" grid

Description



1537635



1537660

* Web Code: ADS

4-56-pin SOIC w/ 0.05" pitch, 0603 and thru ... \$13.95 \$12.49

QFP Board

EAPSTAL.

Part No.

1537635

1537660 202-0011-01 32-100 pins QFP, TQFP, PQFP w/ 0.5mm pitch .. \$13.95 \$12.49 & 0603 discrete, 6 ground holes

hole components, 12 ground holes

APITAL			Surfboa	ards [®]		100
for Surf	eadboard ace Devices.	s 207360	HING.	207394	all	207597
Part No.	Mfr. Part	No.		★ Web Code: QBG	1	10
207360	9081 (Fo	r 8-pin S0	DIC)		\$1.49	\$1.19
207378	9082 (Fo	r 8-pin S0	DIC)		3.95	3.09
207394	9163 (Fo	r 14/16-p	in SOIC; 0.1"pin s	oacing; 0.65"H)	5.95	4.75
_ · ·						

Application Specific Adapter

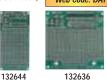
Part No.	Mfr. Part No.	Accepted Devices	Pins	1	10
207597	33206	SOT-23-6/SOT-23-L/SC-59-6/TSOP-6	6	\$1.95	\$1.55

micro *Engineering Rabs* "PICProto" Prototyping Boards

- Holds microcontroller, 5V regulator, oscillator, *Web Code: DAT capacitors and DB9-25 connector
- Double-sided board with plated-through holes
- Large prototyping area
- Silkscreen legend

\$449.95

 Solder mask on both sides makes soldering easy





Includes: Documentation sheet with schematic, suggested parts and placement PICProto 18, 18L: All 18-pin PICs including PIC16C52, 54, 56, 58, 554, 558, 61,620, 621, 622, 71, 710, 711, 712, 715, 716, 84, 16CE623, 624, 625, 16F627, 628, 83 and 84 Size (L" x W") 3.0 x 1.5**\$9.95**

PICProto 3: For the 28-pin PIC16C62, 63, 642, 66, 72, 76, 773, 16F73, 76, 870. 872, 873, 876, 18C242 and 252

PICProto 32 3.0 x 3.0**\$14.95** PICProto 64: For the 40-pin PIC16C64, 65, 662, 67, 74, 77, 774, 16F74, 77, 871, 874, 18C422 and 452

132652 PICProto 64%

Requires: AC adapter (below)

4.0 x 3.0**\$16.95** \$12.95

micro Engineering Rabs Experimenter's Module Board

Provides an assembled test bed containing most of the circuitry commonly used with PIC microcontrollers. Many different projects may be created using the LAB-X1, including calculator, voltmeter, LČD backpack, tone dialer and RC servo controller.

· 40-pin ZIF socket for PIC MCU (not included,

recommend PIC16F877-20/P (P/N 176882, pg 10)

- Reset button 16 switch keypad 2 RC servo connectors
- LED bargraph
 RS-232 interface
 3 potentiometers
- 2 lines x 20 characters LCD module Size: 5.5" x 5.6" One-year warranty Socket for I2C & SPI serial EEPROM, RS-485 interface, Microwire serial EEPROM
- and real time clock/serial analog to digital converter (devices not included) EPIC in-circuit programming connector • Prototyping area for additional circuit

Part No.	Description	1	10
169113	LAB-X1 experimenter board	\$199.95	\$189.95
176882	PIC16F877-20/P microcontroller (pg 10) ₹	5.65	5.45
127976	AC adapter (details on pg 104)	6.95	6.25

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.

150543





Kit

Part No.

681205

Tools



micro Engineering Rabs USB PIC Programmer

More than 300 PIC microcontrollers are supported and support for future devices can be added via FLAS firmware updates. Intelligent voltage regulation allows programming of the new, low voltage PIC® MCUs as well as standard 5V devices.



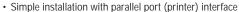
- · Dual color indicator shows ready/busy states
- Full featured, command-line operation
- · Fast full speed USB data transfer
- Standard USB cable (Type A male to Type B male)
 HID interface
- · Automatic Vdd and Vpp adjustment for different PIC MCUs
- In-Circuit Serial Programing (ICSP) connector for interface to project board
- Compatible with microchip HEX format files & all programming adapters

Part No.	Description	1	10	
1942382	USB PIC programmer 🗷	\$89.95	\$85.45	
1942606	840Z ZIF adapter 🕿	39.95	37.95	
*MicroEngineering Labs Programmers Available Online — Enter Web Code: EAT				

micro Engineering Rabs

EPIC Plus PICmicro Programmer

The EPIC Plus Programmer quickly and easily programs the PIC12Cxxx, 12CExxx, 16C505, 16C55x, 6xx, 7xx, 84, 9xx, 16CE62x, 16F62X, 7x, 8x, 87x, 14C000, 17C7xx, 18Cxxx microcontrollers from Microchip. The basic programmer includes an 18-pin socket for programming 8, 14 and 18-pin PICmicro MCUs. Devices available separately on page 10.



 Command line operation for automated, non-interactive programming Requires: Two 9V batteries or AC adapter (below)

Part No.	Description	1	10
132679	EPIC Plus PICmicro programmer	\$59.99	\$53.99
136397	8/18/20-pin ZIF adapter	34.95	31.95
132610	40/28-pin ZIF adapter	34.95	31.95
162317	AC wall adapter (16VDC/500mA, details on pg 105)	9.95	8.95
67257	6' DB25 cable (details on pg 54) ₹	8.55	7.65

IC Programmers



Flash Writer/Programmer with USB Interface

- Supports Flash EPROM, EPROM & EEPROM
- Type, read, load, edit, checksum, erase, blank check, program, verify, protect functions
- Programs 8-bit Flash serial ICs via USB cable on Windows® 9x/2000/XP
- High speed: only 22 seconds to blank check, program, and verify MXIC MX29F040
- File formats supported: binary and machine code, Intel HEX, Motorola HEX, Tektronix

Includes: USB cable, 12V @ 500mA adapter, CD-ROM software and manual

Part No.	Description	Price
225947	Leaper 3D	\$199.95



512k (E)EPROM/Flash Programmer w/ USB Interface

Compact, portable, and lightweight stand-alone (E)EPROM Flash programmer. Also interfaces with your PC through the USB port.

- with your PC through the USB port.

 Programs EPROMs, EEPROMs, Flash EPROMs & more
- 2 sockets for master/slave operation
- Stand-alone mode uses two 9V batteries
 IC parameters are adjustable such as programming algorithm, Vpp voltage, and pulse width
- Supports file formats binary and machine code, Intel HEX, Motorola HEX
 Supports Windows® 95/98/NT/2000/ME/XP
 Size: 6.3"L x 4.3"W x 1.8"H
- Includes: USB cable, 12VDC @ 500mA power adapter and CD-ROM

includes: USB cable, 12VDC @ 500mA power adapter and CD-ROIM

Part No.	Description	Price
220636	Leaper-3C	. \$299.95

Universal EPROM/Flash Programmer w/ USB Interface

- Supports low voltage components up to 2.5V; user selectable verify Vcc with one or two-pass verify voltage
- · High speed: 30 sec. to process 16Mbits memory
- Auto detect device pin insertion and contact check
- Select device brand & number by prompt and convenient cross search, Flash memory auto detection
- Supports EPROMs, EEPROMs, Flash EPROMs, Serial E/EPROMs, NV RAMs, Microcontrollers, DSPs and PLDs
- Supports file formats JEDEC, binary, Intel 80/86 HEX, Motorola HEX, Tektronic HEX Includes: USB cable, 12V @ 1.5A power adapter and CD-ROM software

System requirements: Pentium® II or higher, 32MB RAM minimum, 30MB hard disk space, Windows® 98/ME/2000 operating system

Part No.	Description	Price
225939	Leaper 48	\$595.95

Fast Low-Cost Universal Device Programmer

USB Interface

 Universal device (13000+) support includes the latest NAND Flash Memory, standard Flash Memory, EPROM, EEPROM, serial PROM, GAL, FPGA, and MCU



- Supports real low-voltage support:
- 5, 3.3, 2.7, and 1.8 volt for programming power
- External "Start" key allows customer to execute the optional auto program parameters without PC command
- · Detects all pin locations for poor or damaged pin contacts
- Current limiting protects hardware circuit from improperly
- inserted or defective chips and operation errors
- External switching power supply, 110-240VACSupport a high-speed USB2.0 port for PC interface
- · Support a standard IEEE-1149.1 (JTAG) port

Includes: USB cable, wall adapter, program CD and manual

System Requirements: IBM PC 386,486, Pentium® or compatibles with USB port, Windows® 98/Me/2000/NT/XP, hard drive, 512K RAM

Part No. Descri	iption	Sucket	Price
694866 CHIP	MAX 2	48-pin ZIF	 \$539.95

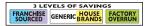
USB Interface Universal Programmer

- 12,000+ device types supported
- Programs EPROM, EEPROM, Serial PROM, Flash, PLD/CPLD/FPGA, and MPU/MCU
- High speed USB port is provided to connect to the majority of notebook or desktop PCs running Windows® 95/98/2000/XP
- On-board 40-pin socket for programming 8-pin to 40-pin ICs
- Utilizes flexible pin drivers to get accurate waveforms
- High programming speed plus over-current protection, reverse insertion detection, self diagnostics, etc.
- Menu-driven software
- Single chip controller, "Yes" key for hit operation, Good and Busy LED indicators
- Load file, read master, program, verify, auto, ID check, check sum, blank check, erase, secure, protect/unprotect, edit, function configuration, and self-test functions
- Power requirements: 100 240VAC @ 50-60Hz
- Size: 9.8"W x 8.7"L x 2.0"H

Includes: USB cable (USB A - USB B), power cord, manual and CD-ROM software System Requirements: Intel Pentium® or compatible processor w/ 32MB of RAM, USB port, 20MB disk space, Windows® 98/ME/2000/XP/2003, CD-ROM drive

Part No.	Product No.	Price
667403	ALL-11A	\$895.95

*For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above



XELTEK

Superpro Series Universal Programmers



Superpro 5000U 2076640

Superpro 9000U 692490

Stand-Alone Programmers for Engineering and Volume Production

Two programmers in one, a double value: stand-alone mode, PC mode ultra-high speed universal programmer, built-in 144-pin-drivers 48,000+ device support and growing; the largest in the industry! 600+ socket adapters to support all ranges of package types.

Part No.	Description 1	5
231221	SuperPro-3000U USB ₹ \$1,099.95	\$999.95
2076640	SuperPro-5000U USB ₹ 1,899.95	1,799.95
692490	SuperPro-9000U 4GANG 3,299.95	2,999.95

WINA

EPROM Eraser and Accessory

- Erases 1 chip in 15 min. or 8 chips in 21 min.
- Conductive foam liner eliminates static build-up
- Maintains constant exposure distance of 1"
- · Built-in safety lock to prevent UV exposure
- · Complete with holding tray for 8 chips
- UV intensity: 6.8mW/cm²
- Size: 9.0"L x 3.7"W x 2.6"H Weight: 2.3 lbs.

Part No.	Description	Price
15712	8-chip eraser	\$154.95
34382	Lamp for 15712	28.95



Superpro 5004GP 4 Gang Programmer

Ultra-high-speed Universal Gang Programmer with 144 Universal pin drivers

More than 40,000 devices are supported
Ultra fast programming speed:
Programs and verifies 1GB NAND flash in 108 seconds
Programs devices with Vcc as low as 1.2V

4 independent programming modules operating concurrently

Part No.	Description	Price
2076623	Superpro 5004GP gang programmer₹	\$5,999.95

Superpro 580U and 280U Universal Programmers

USB Interfaced Ultra-High Speed 48-pin Universal Device Programmer

More than **35,000/25,000** devices are supported

Ultra fast programming times:

Programs + verif INTEL 28F320W18, 32Mb less than 13.5s Suport in system programming

Part No.	Description	Price
692457	Superpro 280U programmer	\$579.95
692449	Superpro 580U programmer	759.95

Superpro Z Universal Programmer

Entry level product with amazing price

40-pin low cost universal programmer

3,500+ devices are supported Self diagnostic test at startup Built-in overcurrent protection Connect to PC Via printed port



Part No.	Description	Price
231183	Superpro Z programmer	\$289.95

*Universal Programmers — Enter Web Code SUP

Solderless Breadboards

Solderless Breadboards

The screen-printed color coordinates are suitable for many types of digital and analog prototyping and circuit design. Larger models feature a heavy-duty aluminum backing with binding posts. Use Jameco's AC/DC breadboard power supply, P/N 77682 (pg 161).

- Accepts most electronic components, including integrated circuits and transistors for digital and/or analog circuitry
- 0.1" hole spacing

AMECO

- Pins are identified by numbered rows and columns
- · Ideal for high frequency and low noise circuits
- · One-year warranty

Attention Educators! Buy jumper wire on pg 161 in bulk and SAVE! (see Solid Hook-up Wire on page 52)



20669



20758



20812

* Web Code: HAC

WBU5 Series Key Features:

- Horizontal assembly corresponds to the operation flow design of the PC boards for handy operation
- Round hole design makes the electric connection better
- Formed with V-shaped cross-sectional groove, which allows DIP IC pins to be inserted across two parts and to increase the rate of utilization due to small pitch
- Dovetail protrusions and recesses designed to connect two adjacent parts tightly together

JE Series Key Features:

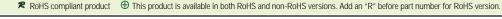
- · Use to breadboard and debug circuit designs
- · Low static, plastic body CMOS safe
- Nickel-plated clips designed to withstand up to 5,000 insertion cycles
- Breadboard strips connect together to form larger working areas
- Components are easily interconnected using 20-28 AWG wire (P/N 19290 & 20080, pg 161)
- Some models feature heavy-duty aluminum backings (20758, 136901, 20812)

		Terminal	Bus	Contact	Binding	Breadboard	Baseplate	Weight		Pric	cing	
Part No.	Cross Ref. No.	Strips	Strips	Points	Posts	Size L" x W"	Size L" x W"	(lbs.)	1	10	50	100
94457	JE19⊕	0	1	100	0	6.5 x 0.4	_	0.04	\$3.95	\$3.55	\$3.25	\$2.95
20601	JE21 ₹	1	2	400	0	3.3 x 2.1	3.3 x 2.2	0.13	5.75	5.25	4.75	4.19
20669	JE22⊕	1	0	630	0	6.5 x 1.4	6.5 x 1.35	0.20	6.95	6.25	5.45	4.45
194299	JE37 ₹	1	2	640	0	6.9 x 2.4	6.9 x 2.4	0.25	8.95	8.09	7.29	5.95
20723	JE23 ₹	1	2	830	0	6.5 x 4.0	6.5 x 2.1	0.30	9.95	8.95	7.95	6.35
194272	JE34 ₹	2	3	1,560	3	6.5 x 4.0	8.5 x 4.7	0.73	18.95	16.95	13.95	12.95
20758	JE24 ₹	2	1	1,360	2	6.5 x 3.1	8.5 x 4.0	0.60	13.95	12.35	10.95	9.95
136901	WBU504 †	2	3	1,855	4	5.5 x 5.5	7.4 x 6.3	0.90	19.95	17.95	15.95	13.95
20774	JE25 ₹	2	4	1,660	3	6.5 x 4.3	8.5 x 5.1	0.80	20.95	18.95	16.95	14.95
20791	JE26₹	3	5	2,390	4	6.9 x 5.8	9.1 x 6.9	1.10	27.95	23.95	21.95	19.95
20812	JE27 ₹	4	7	3,220	4	7.3 x 7.5	9.5 x 8.3	1.40	33.95	29.95	26.95	24.95

[†] WBU5 and JE series do not interconnect

Breadboard Pin to Breadboard Pin Test Leads







Our most popular

digital lab!

International

115/220VAC

Switchable

* Web Code: LAJ



Wire Jumper Kit (350 pcs.)

• 25 each 0.1" to 5.0" 19290 lengths (14 sizes)

· Pre-stripped/preformed 22 AWG solid wire jumpers

Clear plastic durable case

· 350 assorted lengths in 13 colors 20080: 350-piece refill for 19290



Part No.	Description	1	10	50	100
19290	Wire jumper kit 🗷	\$16.95	\$14.95	\$13.95	\$10.95
20080	Refill for 19290 ₹	11.95	10.95	8.95	6.95

Reinforced Jumper Wires

126342

24 AWG-300 volts

· Reinforced pin ends for durability

· 10 pack assortment: 2 each yellow, white, red, black & blue



-	Cross	Length	_	Web Cod	e: LAS
Part No.	Ref. No.	(mm/inch)	1	10	100
126360	JW50 ₹	50/1.97	3.95	\$3.55	\$3.15
126342	JW100 🕿	100/3.94	5.95	5.35	4.45
126325	JW200 🎗	200/7.87	6.95	5.95	4.95

AC/DC Power Supply

Ideal for Breadboards on previous page



Switchable

Output Specifications: +5VDC @ 1A: -5V @ 300mA fixed; 0 to +15VDC @ 500mA variable; 0 to -15VDC @ 300mA variable; 12-6-0-6-12 tapped VAC, 300mA fixed

With built-in short-proof regulated power supplies.

- Input power: 120/220VAC @ 50-60Hz (switchable)
- · Indicator lamps and power fuses
- · Just plug in & start to use
- · Compact & lightweight
- · For both digital and analog circuits
- Compatible with test leads P/N 77842, pg 143
- Size: 7.4"W x 5.5"D x 2.6"H Color: beige
- · Weight: 5.5 lbs. One-year warranty

Part No.	Description	1	5	25
77682	Power supply 2	\$165.95	\$149.95	\$135.95



Resistance & Capacitance **Decade Substitution Boxes**

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......

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TITTE

211676

Wide-range decade substitution boxes for product design or calibration checks.

- · Light durable construction
- Case may be grounded separately
- · Three binding posts permit isolated substitutions
- Size: 4.7"W x 5.7"H x 1.4"D
 Wt: 0.7 lbs.

211668: 1% resistance substitution from 1Ω to $11.111110M\Omega$

- · 7 decade ranges of resistance Values can be changed
- in 1Ω increments @ 3 watts 211676: 5% capacitance substitution
- from 100pF to 11.111µF
- · 5 decade ranges of capacitance
- @ 50VDC



Digital Design Lab

- Fixed power supply: ±5VDC @ 1.0A 1580 tie points
- Two 7-segment displays (digit height: 0.3")
- · DCV digital multimeter · One-year warranty

Solderless Breadboard

- Interconnected nickel-plated tie points, fitting all DIP sizes and all components with AWG #22-30 (0.3-0.8mm) solid leads
- DC Power Supplies DC supplies equipped with short circuit protection Variable DC power: 0 to +15V & 0 to -15V @ 0.5A

Function Generator (5 ranges)

- Frequency ranges: 1Hz-10Hz, 10Hz-100Hz, 100Hz-1kHz,
- 1kHz–10kHz, 10kHz–100kHz • Sine wave output: 0-8 Vp-p variable
- Triangle wave output: 6Vp-p fixed Square wave output: ±5V fixed

Includes: Power cord and manual

Part No.	Description	Size (W" x D" x H")	Wt. (lbs.)	1	5
75839	Digital lab ₹	10.6 x 13.3 x 5.0	8.1	\$399.95	\$359.95
1952599	Replacement breadboard R	4.5 x 6.75 x 0.37	0.5	29.95	26.95

Digital/Analog Design Labs

Solderless Breadboard

 2712 interconnected nickel-plated tie points, fitting all DIP sizes and all components with AWG #22-30 (0.3-0.8mm) solid leads DC Power Supplies

- Fixed DC output: +5VDC @ 1A; -5VDC @ 300mA
- Variable DC output: 0 to +15V & 0 to -15V @ 500mA (P/N 136267) 0 to +15V & 0 to -15V @ 1A (P/N 1919211)
- Input power: 110/220VAC @ 50-60Hz (switchable)
- Function Generator Frequency ranges: 1Hz-10Hz, 10Hz-100Hz, 100Hz-1kHz, 1kHz-10kHz, 10kHz-100kHz • Sine & square wave output: 0–8 Vpp variable • Triangle wave output: 0-6 Vpp variable
- TTL mode output: 5Vpp (P/N 1919211 only)
- 2.5" dia. 8Ω, 25W speaker
- 2 pulse switches (2 sets of outputs: A, A, B, B) • Two 7-segment LED displays (digit height: 0.3") · 2 banana sockets, 2 BNC jacks
- **136267:** 2 variable resistors: $VR1=1k\Omega$, $VR2=100k\Omega$
 - · 8-bit red LEDs with separate input terminals
- 1919211: 16 bit data switches w/ corresponding output points 16 red LED's w/ separate input terminals
- Includes: Power cord and manual (both P/Ns 136267 & 1919211); jumper wires (P/N 1919211 only)

Part No.	Description	Size (W" x D" x H")	Wt. (lbs.)	1	5
136267	Digital/analog lab ₹	12.8 x 9.8 x 3.7	8.5	\$439.95	\$399.95
1919211	Digital/analog lab	13.0" x 10.5" x 3.5"	9.1	459.95	399.95
319214	Replacement breadboard	67x65x04	0.5	24.95	21.95

Powered Project Breadboards

- · Solderless breadboard with 2420 tie points
- · Power switch with light
- Outputs are short-circuit protected
- Includes: Power cord 136259:

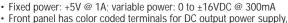
- Fixed power: +5V @ 1A; variable power: 0 to ±15VDC @ 500mA · Edge plate for non-DIP size components
- Input power: 120/220VAC @ 50-60Hz (switchable)
- · Replacement fuse: P/N 103908, pg 33
- · One-year warranty
- Breadboard size: 7.4"L x 6.8"W

* Web Code: XAT

· Back panel has ground terminal

8 data switches

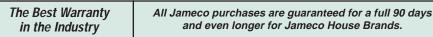
· One-vear warranty



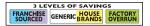
- adjustable knobs & ground terminal
- Input voltage: 110/220VAC @ 50-60Hz switchable
- Breadboard size: 5.8"W x 6.5"L · Fuse protection
- Input power: 110VAC or 220VAC @ 50-60Hz (switch selectable)
- Triple output power supply: fixed 5VDC @ 1A; 0 to +16VDC @ 500mA (adjustable); 0 to -16VDC @ 500mA (adjustable)
- · Grounded case

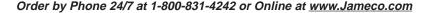
- · Overload protection
- · Fuse protection Lighted power switch

Part No.	Product No.	Overall Size	Wt. (lbs.)	1	5
136259	PP272-ROHS ₹	9.8"L x 8.0"W x 2.6"H	6.8	\$175.95	\$159.95
1537264	PBB-4060	10.0"L x 7.8"W x 2.4"H	6.8	89.95	69.95
1942163	PBB-4060B	10.3"L x 8.8"W x 3.3"H	6.0	99.95	89.95











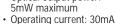
136259

161

Laser Diode and Driver

182932: Laser Diode

· Optical output power:



 5.6mm packaging size 161737

· Operating voltage: 2.6V maximum Lasting wavelength: 650nm typical

182932

Beam divergence of 11° from center line max.

161737: Laser driver w/ regulator

 Input v 	onage: 2.6-6VDC	• Input	current:	40MA
Part No.	Description	1	10	25
182932	650nm laser diode	\$14.95	\$13.45	\$12.09
161737	Laser driver	8.49	7.65	6.89

Laser Diode Module

- · Operates on 3VDC @ <5mW
- 650nm wavelength
- Beam diameter: 5 x 8mm
- Class IIIa Laser Product Working distance: over 50 meters (daylight), 200 meters (dark)
- Size: 0.9"L x 0.3"Dia One-year warranty

Part No.	Description 1	10
310519	Laser module, brass \$44.95	\$39.95

Green Laser Pointer

Using a wavelength closely matched to the highest sensitivity of the human eye and built with cutting-edge crystal technology, this laser projects a green beam so powerful you can see it against a clear sky at night.

- Output wavelength: 532nm
 Output power: <5mW
- 90-day manufacturer's warranty

Includes: Metal gift box, clip and 2 AAA batteries

Part No.	Description	1	10
223731	Green laser pointer	\$99.95	\$89.95

*Lasers — Enter Web Code LAZ

650nm Line and Dot Laser Diodes

* Web Code: LAZ

143845/173243:

- · Focus adjustable w/ locking set screw
- Wattage: 5mW
- · Operating volt.: 3-5V
- Size: 3.3"L x 0.9"Dia.
- · One-year warranty

143845: Line laser module

Laser line width: 1mm
 Laser fan angle: 60°

173243: Cross hair laser diode module

- Laser fan angle: 60° • Size: 3.0"L x 0.9"D
- Female 2.1mm power connector

143837: Module regulated power supply

- Output: 5VDC @ 100mA
- Short-circuit protection
- · Input voltage: 95-125VAC or 190-250VAC switchable
- Size: 2.0"W x 1.7"D x 9.2"H
- · Weight: 0.6 lbs.

143853: Laser module mount

- X-Y tilt, θ movement
- · Built to hold laser diode on target
- Tightening screw for tilt adjustment 143853

Part No.	Description 1	10
143845	Line laser diode module \$114.95	\$103.95
173243	Cross hair laser diode mod 108.99	99.99
143837	Regulated power supply 20.95	18.95
143853	Laser diode module mount 59.95	53.95

Laser Pointer Pen

 Range up to 500 yards
 Class IIIa Laser Product 670nm red laser

Includes:	2 AAA batter	ies 💮	- T	NEW ARKED IN PINK
Part No.	Description	Size (L" x Dia")	1	10
153605	Black pen	5.2 x 0.4 \$2	21.95	\$19.75

75W Laser Diode

- Nanostack pulsed laser diode Nanostack laser technology including multiple epitaxially stacked emitters
- Applications: range finding, security/surveillance, illumination/ignition, test and measurement systems



Peak power: 75W • Laser aperture: 200µm x 10µm r of omittors: 2

• Nullibel	or enfitters. 3	• vvavei	engin. 9	JOHIII
Part No.	Mfr. Part No.	1	10	25
1623584	SPL PL90-3₹	\$39.95	\$37.55	\$36.05

Crossbow Accelerometer

Triple Axis

- Dynamic range & frequency response
- · Current: 24mA
- · Shielded cable: 2-foot pigtail
- Acceleration range: ±4g
- Size: 1.9"L x 1.0"W x 0.8"H

Requires: 5VDC power supply, not included (recommend P/N 164101, pg 106)

Part No.	Description	1	10
141575	CXL04LP3 \$334	.95	\$319.95

* Gears — Enter Web Code PEF

Climax Spider Shaft Coupler

- 2 set screws (10-32 x 1/8)
- Size: 0.75"L x 0.5"OD





★ Web Code: EBE

162000

1.25

Part No. Description 138288 .250" ID sleeve coupler ... \$5.95 \$5.35 \$4.79

Spider Couplers

- · Used with motors 162288 (Coupler) 1 set screw per hub
- Hub OD: 0.625" Dia.
- · Hub length: 0.56" Parts sold individually
- (Rubber Spider) Part No. Description 10 50 162288 .125" (3.18 mm) ID hub \$1.49 \$1.35 \$1.19 161998 .197" (5.00 mm) ID hub 1.49 1.35 1.19 162270 .250" (6.35 mm) ID hub 1.49 1.35 1.19

10-Piece Gear Assortment

Rubber spider 1.55

 T10, T20, T30, T40, T50 and bushing

162000

- Polyethylene resin
- · Gears are 0.147" bore size
- Bushings are 0.07" bore diameter



More Savings Online

Save up to 50% on over a hundred clearance items by visiting www.Jameco.com/Save.

48-Pitch Gear Set

- · Low coefficient of friction requires little or no lubrication
- · Residual stress removed by annealing process

173243

Laser

Diode

Class Illa Laser Product

1 each of the following: 10 teeth with 3/32" bore size; 14 and 16 teeth with 1/4" bore, 20, 24, 30, 36, 44, 54, 66, 84 and 100 teeth with 1/4" bore size

NEW

Part No.	Description	1	10	25
168284	Gear set - 12 pieces (see description above)	\$39.95	\$34.95	\$31.95

16-Pitch Sprocket Set and Chain

- · Operates in high humidity and corrosive environments
- Chain links can easily be added or removed to adjust total length
- Chain tension load: 2.0 lbs.







168276: 14-piece sprocket set includes 1 each of the

following: 8, 9, 10 teeth with \(''\) bore size; 12, 15, 16, 18, 20, 24, 30, 32, 36, 40 and 48 teeth with \(''\) bore size

Part No.	Description 1	10	25
157075	Drive chain (12" long)	\$9.95	\$8.95
168276	Sprocket set - 14 pieces (see description above)	26.95	23.95

PARALLAX Compass Module

This compass module is a dual-axis magnetic field sensor built around the Hitachi HM55B IC.

- · 6-bit (64 direction) resolution after calibration
- · Built-in resistor protection for data pins eliminates bus conflict risks
- · Compact and breadboard-friendly 0.3", 6-pin DIP package Compatible with all BASIC stamp,





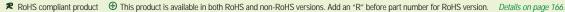
Tank Track and Wheel Set

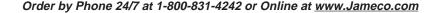
Allowing for large degree of adjustability and creativity in design, the track and wheel set offers three different lengths of tracks to choose from. Sprocket wheels, idler



wheels and road wheels have all been included. Includes: Two 30-link track belt, four 10-link track belt, four 8-link track belt

Part No.	Description	Price	
358299	Tank track and wheel set	\$9.95	



















200328

















Function Generator 20685







151482

Lego® Mindstorms NXT

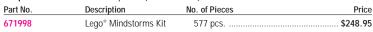
*Educational & Robotic Kits — Enter Web Code ERK

Create the smartest, strongest and most advanced LEGO robot ever. The new NXT Intelligent Brick, your robot's "brain," features a powerful 32-bit microprocessor and more memory, plus support for USB 2.0, Bluetooth and more!

 New sound sensor Matrix display
 Difficulty level: intermediate

 New ultrasonic visual sensor responds to movement
 Improved touch sensor reacts · Light sensor detects different colors and light intensities to touch and release

Requires: 6 AA batteries required (not included)



			No. of	Ехр.	Dimensions	Wt.	Pri	cing	
Part No.	Mfr. P/N	Description	Pieces	Level	(L" x W" x H")	(lbs.)	1	5	
Robotic	Robotic and Computer Control Kits								
192567	7769	Rockit robot beginner kit	73	BEG	4.5 x 5.1 x 3.3	1.0	\$28.95	\$27.49	
199603	769K	Rockit robot advanced kit	96	EXP	4.5 x 5.5 x 3.3	1.0	31.95	30.25	
157366	007	Robotic arm kit (unassembled)	106	EXP	_	4.5	85.95	69.95	
159345	007/IBM	Robotic controller software (DOS 4.2 & up, Window	ws° 95/98)	INT	_	1.0	91.95	87.35	
200328	MK127	Running micro bug kit	26	INT	4.0 x 2.4	0.2	20.95	19.95	
200336	MK129	Crawling micro bug kit	29	INT	4.0 x 2.4	0.2	20.95	19.95	
120678	K6501	Remote control by phone kit	116	EXP	4.1 x 5.1	0.7	74.95	71.25	
239476	K2633	Relay card kit (req. power supply P/N 133891 pg 104)	29	INT	3.0 x 2.7	0.4	19.95	18.95	
404478	MR-1017	iBotz PICO kit	42	EXP	5.8 x 6.0 x 4.4	3.2	119.95	113.95	
357325	OWI-9727	Spider 3 walker avoider robot	110	INT	5.5 x 3.9 x 4.3	1.3	62.95	59.95	
140821	972K	Spider 3 walker avoider robot (soldering required)	158	EXP	12.0 x 7.0 x 3.5	1.2	62.95	59.95	
358379	71107	Remote controlled soccer insect	40	BEG	_	1.1	37.95	36.05	
358272	70162	Remote controlled robot construction set	144	_	_	1.0	52.95	50.25	
402077	OWI-9875	Binary disk player robot	75	INT	_	1.9	37.95	36.05	
386708	21-880	Line tracking robot mouse (solder required)	_	INT	3 x 3 x 3	0.9	22.95	21.95	
358045	CYBUG	CYBUG scarab lifeform kit	83	EXP	4.5 x 4	0.4	49.95	47.45	
386610	21-886	Escape robot kit	_	EXP	5 x 5 x 5	0.9	19.95	18.95	
357270	27400	SumoBot kit	64	EXP	7.9 x 7.9	1.5	199.95	189.95	
242923	21-601	Tyrannosaurus wood kit	_	BEG	1.5 x 3.0 x 6.5	0.9	15.85	15.15	
242915	21-602	Stegosaurus wood kit	_	BEG	1.5 x 3.0 x 7.0	0.9	15.85	15.15	
358352	75020	Snail robot kit	_	INT	_	2.0	38.95	36.95	
358192	70068	Wall hugging mouse robot kit	_	_	_	_	19.95	17.95	
357341	3-882	Jungle robot kit	87	BEG	_	_	24.95	22.95	

Power Supply and Motor Kits

117621	K1823	1 amp power supply kit	12	INT	2.1 x 2.1	0.3	\$15.99	\$15.19
20626	JE215	Dual adjust regulated power supply kit	48	INT	5.1 x 3.5 x 2.0	2.1	27.95	26.55
120539	K8004	DC to pulse width modulator kit	40	EXP	3.3 x 1.9 x 1.8	0.5	24.89	23.65
181833	VM-1	DC voltage monitor kit	46	BEG	2.7 x 1.3	0.2	9.95	9.45
127829	GMC-1102	DC motor speed control kit	35	INT	3.6 x 2.3 x 1.2	—	24.95	22.49
357851	3-773	Maxi dual H-bridge motor driver kit	54	EXP	_	0.2	59.95	56.95
358248	70097	Twin motor gearbox kit	61	EXP	_	0.3	12.95	12.35

Audio Transmitters, Amplifier, Sound Generator and Detection Kits

151204	AA-1	Super snooper big ear audio amplifier kit	17	INT	1.8 x 1.0 x 0.6	_	\$10.95	\$10.45
151239	FMST-100	FM stereo transmitter mini kit	37	INT	2.7 x 2.0	—	32.65	30.95
117604	K1771	FM transmitter kit	26	INT	1.8 x 2.8	_	19.95	18.95
117612	K1803	Universal mono pre-amplifier kit	17	INT	1.2 x 1.8	_	9.95	9.45
127255	K4001	7-watt amplifier kit	2	INT	2.2 x 1.4	_	19.95	18.95
129138	K4003	30-watt stereo power amplifier	38	INT	2.8 x 2.0	—	33.95	32.25
147571	MK103	Voice activated LED kit	33	INT	2.5 x 1.6 x 1.4	0.1	8.95	8.49
662670	EBST-11	Audio stereo amplifier kit	32	INT	2.8 x 2.3	—	9.95	9.45
177092	IR-2	Trans./receiver (req. 6-15VDC battery P/N 151095 pg 127)	26	_	1.0 x 0.8	_	24.95	22.49

Distance and Light Kits

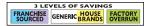
	157964	LED1007	IR red illuminator kit	41	BEG	2" Dia.	0.1	\$15.95	\$15.15
ı	200310	MK124	Scrolling message kit	76	INT	3.5 x 2.6 x 1.8	0.2	22.95	21.95
1	147555	MK101	Flashing LED sweetheart kit	46	INT	1.3 x 2.3 x 1.3	0.1	9.95	9.45
	147580	MK102	Flashing LED kit	23	INT	1.3 x 1.4 x 0.6	0.1	7.95	7.55
	282861	28015	Ping ultrasonic sensor	_	INT	0.9 x 1.8 x 0.6	0.2	29.95	28.45
	151482	OEM-ANN1	Distance sensor module	_	INT	2.8 x 1.8 x 0.9	_	179.95	161.95

Test and Measurement Kits

	Miscall	anoous							
Į	129091	K7102	Metal detector kit	22	INT	2.1 x 2.1	0.4	17.95	17.05
	20685	JE2206	Function generator kit	21	INT	4.1 x 1.5	0.1	\$27.95	\$26.55

64	5263	VM110	USB interface card module	_	_	5.7 x 3.0 x 0.8	_	\$78.95	\$70.95
35	7683	3-203	Frankenserial Interface kit	25	_	_	_	39.95	37.95
35	8213	72001	Planetary gearbox kit	_	INT	_	_	21.49	20.45

*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



LEVELS OF SAVINGS FRANCHISE GENERIC HOUSE FACTORY OVERRUN

Ethernet Starter Kit



This starter kit is ideal for hobbyists, students and inventors who want to learn about C programming, TCP/IP programming and interfacing electronic devices with microprocessors. Fun and useful application projects take you step-by-step through imagine tools hardware and software development.

• Input voltage: 24-28VAC, 7-40VDC

Current draw: 43mA typ. @ 12V, 16mA typ. @ 40V

Hardware includes: RCM3700 Rabbit Microprocessor Core Module

plus prototyping and breadboards (6.5"L x 2.2"W) 12VDC@1A power supply, serial cable, 2 Ethernet cables 8Ω 400mW speaker, wiring kit, 10kΩ thermistor, 0.1μF capacitor, 10kΩ potentiometer, header and standoff

Software includes: Dynamic C lite, libraries and samples, as well as royalty free TCP/IP protocol stack

Part No.	Description	Weight	1	5
355004	Ethernet starter kit	2 lbs	\$179.95	\$169.95

Nitinol Tension and Compression Springs

Activate them electrically or with hot and cold water

357835: Tension · 350 gram hanging mass,

will stretch to a length of 60mm. When heated to 45-55°C with 2A it will shorten to 30mm and lift the mass



 Coil outside dia.: 6mm • Wire dia.: 750µm

357843: Compression

· Can be pressed down to 16mm in length, then when heated to 55-65°C with 3A of current, it will push outward to 30mm while pushing 400 grams Coil outside dia.: 8mm
 Wire dia.: 950µm

Part No.	Description 1	5
357835	Tension springs (4 pack) \$45.95	\$43.95
357843	Compression springs (4 pack) 45.95	43.95

MONDO TRONICS Nitinol SMA Wire

Untrained, as-drawn Ni-Ti (nickel titanium) wire. Form and anneal to your shape for springs, thermal actuators and memory wire.

• 3-401: 1 meter, 500µm wire

• 3-402: 1 meter, 100µm wire

Part No.	Product No. 1	5
357798	3-401 \$15.95	\$15.15
357801	3-402	27.50

BioMetal® Micro Helix

Extending & contracting • by 2-1/2 times their length, these amazing tiny coils bring a whole new dimension to shape memory alloy devices. Preprocessed, high-quality BioMetal nitinol alloy

coils measure just 20mm (0.75 inch)



long contracted, and easily extend to 50mm (2 inches) under load, then they recover fully when activated by heating to 90°C.

Includes: plans for tiny "weight lifting" demo device

358011: • 20mm-0.40mm • 12g/27Ω 358002: • 20mm-0.60mm • 30g/7.5Ω

Part No. Prod. No. 358011 Helix 100..... \$29.95 \$26.95

Muscle Wire Super Sample Kit

Includes 20cm each of five diameters (037, 050, 100, 150, 250) in both low temp (LT) and high temp (HT) formulations. That's ten separate Muscle Wires, two meters total, and technical specifications for all a wires



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art No.	Description	1	
57641	Super sample kit	\$35.95	\$34.1

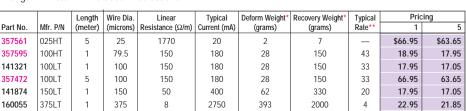
MONDO TRONICS Flexinol Muscle Wires®

These unique nickel-titanium alloy Muscle Wires® actually shorten in length when electrically powered, and can lift thousands of times their own weight.

How it works... Pressing the switch lets power flow from the batteries through the Muscle Wire®,

heating it and causing it to contract, raise the lever and lift the weight. When power is removed, the Muscle Wire® cools and relaxes, and the weight helps it return to its starting position.

 Length: 1 meter Includes: Instructions



2750

8 Cycles per minute, in still air, at 20° Centigrade

375



This kit provides the hardware and software neccessary for sensors and other serial devices to communicate via a LAN or other network. This kit includes a prototyping board, Dynamic C[®] development environment including a royalty-free TCP/IP stack

with source code, sample applications, temperature sensor demo-board, required cables and assorted accesories.

Multi-Port Serial to Ethernet Kit

- · Configuration menu system
- Royalty-free TCP/IP stack with source code
- Serial-to-ethernet applications for: digital voltmeter, temp. sensor reader and binary and hexadecimal ASCII · 3-step set up
- Software compatible w/ other Rabbit-based products
- · Minimal ethernet experience required

Part No.	Description	1	5
321656	Multi-port serial to ethernet kit	\$269.95	\$256.45

Space Wings Kit

Sleek silvery mylar wings flap silently using only five centimeters of Muscle Wire Perches on you computer, annoys cats or amuses babies. Space Wings stand 15cm tall and flap up to 36 times per minute. Includes: Printed circuit

board, parts, & detailed instructions



MONDO TRONICS

artivo.	PIOU. NO	o. Description		<u> </u>
57827	3-619	kit - solar space wings \$24.9	95	\$23.75
41313	3-001	kit - space wings 19.9	95	18.95

Muscle Wire R & D Kit

Combine our Project Book and samples of 4 most popular sizes of wire and get big savings! 357528: MONDO TRONICS

- · Five meters each of Flexinol 050, 100 & 150 LT wire
- One meter each of Flexinol 250 LT wire
- 357659:

* Web Code: WAU

22.95

21.95

- · Muscle Wires Project Book
- 20cm of flexinol[®] 050
- 40cm each of 100 and 150 LT wire

Part No.	Description	1	5
357528	3-102 muscle wire R&D kit	. \$248.95	\$236.50
357659	3-141 project book sample kit	34.95	33.25

PAPALLAX USB Servo-Controller

This Parallax Servo Controller takes the burden out of controlling 16 to 32 servos (networked) off of the BASIC Stamp module and allows the module to do more important functions. With servo ramping, you can set the speed of each servo and tell each servo

where to go and how fast to get there.

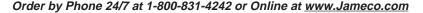
Includes: Servo controller USB, shunt-jumper, 3-conductor cable, A to mini-B USB cable and printed documentation

Part No.	Description	1	5	
387962	USB servo controller	\$44.95	\$39.95	



2000





393

357712

375HT



PARALAX ? **Propeller Professional Development Board**

The Propeller Professional Development Board (PPDB) is a highquality, fully-integrated development platform for the Propeller microcontroller. A wide variety of typical I/O (LEDs, buttons, etc.) devices and circuitry are built into PPDB, providing the developer with an ideal platform for rapid Propeller project development.

- 40-pin DIP socket for PX832A-D40 Propeller microcontroller
- 6 blue 16-segment LED displays (5V and 3.3V compatible)
- 16 blue discrete LEDs (5V and 3.3V compatible)
- · L293D high current drivers for motors, solenoids, etc
- 8 active-low pushbutton switches and DIP switches w/ 3.3V pull-ups
- 8 servo headers with selectable on-board/external power source
- DS1302 real time clock with battery back up/charging capability
- MAX4411 headphone amplifier with 1/8" stereo phone jack
- Two PS/2 ports with 5V power and 3.3V pull-ups on clock/data lines 5MHz crystal

Ground terminal for oscilloscope ground clip • Power requirements: 7-12VDC (12VDC @ 59mA) 2007126 32111₹

Part No.

24LC256 32K EEPROM

- · Built-in USB programming interface
- Two 10K potentiometers
- 5V and 3.3V voltage regulators
- HDDB-15 connector for VGA monitor
- MAX3232E RS-232 DCE interface

Mfr. Part No. Size (W" x H" x D") 9.0 x 5.25 x 0.75 **\$169.95 \$164.99**

PARALLAX 7 **Propeller Microprocessor Chips**

This propeller module is a multi-processing chip with shared memory and a built-in interpreter for programming in a high-level object-oriented language, called SpinTM. Propeller chips are designed for high-speed embedded processing, while maintaining low power, low current consumption and a small physical footprint.



- · Processors (cogs): 8
- · Architecture: 32-bits
- Current source/sink per I/O: 50mA
- · COG RAM 512 x 32 bits each
- I/O pins: 32 (simultaneously addressable by all 8 cogs)
- Power requirements 3.3VDC
- System clock speed = DC to 80MHz.
- · Clock modes:
- (a) external crystal 4-8MHz (16 x PLL);
- (b) internal oscillator ~ 12MHz or ~ 20kHz;
- (c) direct drive

	PEXTEN-DAD
227	2007134





2007142

Part No. Mfr. Part No. Package 2007134 P8X32A-D40₹ DIP-40 \$12.95 \$12.35 2007142 P8X32A-M44₹ QFN-44 12.95 12.35 2007151 P8X32A-Q44₹ LQFP-44 12.95

PARALLAX & Boe-Bot Full Kits

Now with Robotics text v.2.0! The new text includes 41 activities for the Boe-Bot and PBASIC 2.5 source code support. The Boe-Bot's flexibility stems from the fact that it's a rolling Board of Education. The board of education and basic stamp may be removed to be used as your platform for the other stamps in Class curriculum.

The robot may be programmed to follow a line, solve a maze, follow light, or communicate with another robot.



Requires:

4 AA batteries (P/N 198707 not included).

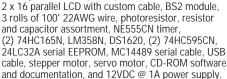
Part No.	Mfr. Part No. 1	10
282933	28132 (serial) \$158.95	\$150.95
387997	28832 (USB) ? 159.95	151.95

PAPALAX 7 Stamp Works Kit Plus

This all-in-one kit includes a well-written collection of 35 experiments that will teach you first class BASIC stamp programming.

· Weight: 10 lbs.

Includes: Stamp Works experiments and Source Code book, Basic Stamp Syntax and Reference Manual, development board (28138),



Part No.	Mfr. Part No.	1	10
661116	27297 kit ?	\$289.95	\$275.45

*For All Parallax Products — Enter Web Code PAR

Propeller USB PARALAX ? **Proto Board**

All the features of the Propeller Proto Board plus the USB programming interface on board for projects needing USB interfacing in their applications.



- P8X32A-Q44 propeller chip
- · Three-position power switch
- · LM1086 5V and 3.3V regulators
- Access to all 32 I/O points
 Sockets for 4 servos
- 64kB EEPROM for program data and storage
- Removable 5MHz crystal
- Programming interface included on board
- Power requirements: 6-9VDC @ 300mA to 1.5A

Part No. Mfr. Part No. Size (L" x W") **2007118** 32812**₹** 4.0 x 3.0 \$39.95 \$37.95

PAPALLAX ? Propeller Starter Kit

Just what you need to get started with the Propeller microcontroller. Kit includes demo board, manual, software on CD and USB cable.



Has built-in P8X32A-Q44 MCU, EEPROM and 5MHz crystal pre-wired to connectors for interfacing to devices. This is all configured for immediate use by many objects from the Propeller Object Library (included).

Part No.	IVITr. Part	NO. I	10
2007097	32300₹	\$99.95	\$94.95

PAPALLAX ? Propeller Education Kit

This kit features breadboardfriendly versions of the Propeller chip, EEPROM and other core components making it easy and inexpensive for students to replace parts as needed. All you need is a 9V battery (P/N 198731).



Visit www.parallax.com to download free Education Lessons, Labs and upgrades.

Includes: Propeller 40-pin DIP microcontroller plus electronic components and connectors for a fully functional system, USB to serial programming and communications tool, kit project parts, interconnecting breadboards.

Part No.	Mfr. Part No.	1	10
2007100	32305₹	\$99.95	\$94.95

PARALAX ? **BS2 Educational Starter Kit**

This complete "Getting Started" kit is enhanced to include the What's a Microcontroller? (WAM) curriculum. Includes all of the BASIC Stamp hardware required to complete the activities and challenges. With the WAM kit you'll get your feet wet through a series of over 40 activities designed to provide you with the best possible introduction to the world of BASIC Stamps.



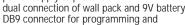
Includes: BASIC Stamp 2 module, Board of Education Programming Board, BASIC Stamp Manual, CD-ROM, jumper wires and a serial cable

Part No.	Parallax No. 1	10
282829	27207 %	\$157.65

PARALLAX 7 **Board of Education Full Kit**

• P0 - P15 I/O pins

Mechanically interlocked power supply to prevent



serial communication · Female 10-pin dual row connector for optional AppMods Includes: Board of Education carrier board, BASIC Stamp 2 module, pluggable wires, serial cable and CD-ROM





*For Complete Specs & Additional Product Listings Search <u>www.Jameco.com/More</u> and Enter Web Code Listed Above



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You may pay by check or money order in U.S. funds, drawn on a U.S. bank.

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$C \cap D$

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Jameco Warranty

Jameco warrants all merchandise against defects in material or workmanship for a period of 90 days (One year for Jameco ValuePro, ReliaPro & BenchPro products) from the original purchase date unless otherwise stated in writing by Jameco. If Jameco receives the product considered to be defective within this warranty period and the product is determined to be defective, Jameco will, at its sole option and discretion, either repair or replace the product. The foregoing is your sole and exclusive remedy and states Jameco's entire liability arising out of this warranty. [However, Jameco will transfer to customer whatever transferable warranties and indemnities Jameco receives from the manufacturer of the products. Any claims arising from such manufacturer's warranties shall be the sole responsibility of the manufacturer and not of Jameco.] Moreover, Jameco's limited warranty is void if the damage or defect has resulted from improper customer assembly, failure by customer to follow instruction, product modification, negligent or improper operation, accident, abuse or misapplication. Products returned to Jameco pursuant to this warranty must be returned to Jameco prepaid.

No Other Warranties

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Toll-Free

FAX:

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In-Person: Visit Jameco at 1355 Shoreway Rd., Belmont, CA. 94002. Will-call office hours are 8:00 a.m. – 5:00 p.m. Monday – Friday.



The following services are available at 1-650-592-8097 Monday – Friday from 6:30 a.m. – 5:00 p.m. PST or via e-mail:

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- Customer Service (<u>custservice@ Jameco.com</u>)
- Credit Department (<u>credit@Jameco.com</u>)
- Technical Support (<u>tech@ Jameco.com</u>)
 (Monday Friday 8:00 a.m. 5:00 p.m. PST)

Toll-Free Hotline!

Please call us at 1-800-831-4242.

POLICIES

Confirming Orders

Please do not send confirming orders. If company policy necessitates a confirming order, please mark "CONFIRMING" boldly on the first page of the order.

No Minimum Order

A \$5.00 processing fee will be added to U.S. orders under \$25.00. This fee will be waived on web orders. All international orders below \$40.00 will incur a \$7.50 processing fee.

PRICES

Prices are effective 04-06-09. In the unlikely event you find a lower price in a printed catalog or magazine, simply call us with the details at the time of purchase. We'll beat any price by 10% as long as it's above our cost. Prices and discounts are subject to change without notice. Jameco is pleased to occasionally offer promotional discounts to our customers but these are to be applied to products and orders purchased at published prices and may not be combined with any other discounts. We are not responsible for any typographical errors in this catalog. Photos are representative; product appearance may vary.

Rohs Compliance

Jameco obtains all RoHS compliance status information from its suppliers solely and does not verify or confirm such status. Products are coded with the following symbols throughout the catalog:

₹ RoHS compliant product ⊕ Available in both RoHS and non-RoHS

SHIPPING INFORMATION





Orders received Mon.–Fri. by 6:00 p.m. Eastern Standard Time will be shipped the same day. Orders received Saturday and Sunday will ship the following business day. Drop ship items require 1-2 additional days to ship. If we are unable to fill your order on the day received, we will send you a gift certificate worth \$5.00 towards your next Jameco purchase. This offer does not apply to orders waiting for credit approval, backordered items or drop ship items.

Options and Rates*

Jameco is pleased to occasionally offer promotional discounts to our customers but these are to be applied to products and orders purchased at published prices and may not be combined with any others discounts.

Shipping delivery times are based on working days.

Commercial	First	Additional
Destination	2 lbs.	lb.
Ground	\$7.00	\$0.35
3-Day	\$9.50	\$1.25
2-Day	\$11.75	\$1.75
Next Day AM	\$24.50	\$2.75
Next Day PM	\$20.50	\$2.50
Residential	First	Additional
Residential Destination	First 2 lbs.	Additional lb.
Destination	2 lbs.	lb.
Destination Ground	2 lbs. \$8.50	1b. \$0.70
Destination Ground 3-Day	2 lbs. \$8.50 \$11.50	lb. \$0.70 \$1.25

Priority Mail (USPS)

\$8.60 for 1st lb.; \$3.45 for each additional lb. Orders must be placed before 6:00 p.m. Eastern Standard Time to ship same day. Sorry we are unable to ship products mailed from an alternate warehouse via U.S.P.S.

Packaging Weight

For domestic orders, exact package weight will be measured at shipment and separately billed.

* The above rates apply to single box shipments through UPS that are less than 50 lbs. Please call for shipping quote on packages greater than 50 lbs. or for other carriers. Jameco reserves the right to rebill shipping surcharges for customer misaddressed packages.

International Shipping & Handling

Shipping is via courier or postal service, depending on your preference, insurance availability, and the size and weight of your package. Jameco will apply actual shipping charges with a nominal handling charge on all foreign orders. For mail-in customers, please include 25% for shipping charges or call for a shipping quotation. All returns that meet postal requirements must be sent prepaid via air parcel post. All courier shipments to Canada and Mexico require a certificate of origin.



Fax 1-800-237-6948 Order 24 hours/7 days a week!

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40-Watt Soldering Station

The Weller WLC100 soldering station is perfect for hobbyists. The temperature is adjustable by varying the power level of the heater from 4-40 watts. Includes: a built-in iron holder, tip-cleaning sponge, and 1/8 inch screwdriver kit.



120V @ 60Hz

· Temperature range: 350° to 850°F

Size: 5.5"L x 4.5"W x 3.5"H
 Weight: 1.9 lbs.



★ Web Code: GEJ

See Page 149 for Complete Specifications

Part No.	Mfr. Part No.	Price
146595	WLC100≉	\$54.95

24" Rosin Core Solder Roll

This solder is perfect for beginners, schools, or for small projects.

· 63% tin, 37% lead · Diameter: 0.039"

Length: 24"

· Weight: 0.07 lbs.



Order in	Bulk	and	Sav	e
4		10		-

Part No.	Mfr. Part No.	1	10	50	
115433	K63/67	\$.99	\$.85	\$.69	

Passive Component R/C SMD Tweezer Meter

One hand operation for fast, precise identification and measure of surface mount components. Measures resistance, capacitance and diode test.



- · 4000 count LCD display
- · Over range & low battery indicators
- Relative mode for zero or userapplied reference
- Resistance ranges: 400Ω , $4k\Omega$, $400k\Omega$, $4M\Omega$, $40M\Omega$
- Capacitance ranges: 4nF, 40nF, 400nF, 4μF, 40μF, 200μF



Part No.	Mfr. Part No.	Price	
1939685	RC100	\$59.95	

350-Piece Wire Jumper Kit

This kit is perfect for many analog and digital prototyping and circuit design applications using breadboards. The different colors and lengths allow you to follow a circuit easily and not have extra wire in your way. When you start running low, order a refill, P/N 20080.



* Web Code: LAS

- 25 each 0.1" to 5.0" lengths (14 sizes)
- Pre-stripped/preformed 22 AWG solid wire jumpers
- · 350 assorted lengths in 13 colors

19290	Wire jumper kit 🕏	\$16.95
Part No.	Mfr. Part No.	Price
	3	

Open-Frame Switching AC-to-DC Power Supply

- Output volt./curr.: 12V @ 0-5.2A
- Input: 90-264VAC @ 47-440Hz
- Ripple noise: 100 mV p-p
- Load reg.: ±2.0%
 Line reg: ±1.0%
- Universal AC input/full range
- Short circuit, overload & overvoltage protection
- Size: 5.0"L x 3.0"W x 1.7"H
- · Two-year warranty



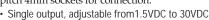


See Page 114 for Complete Specifications

Part No.	Mfr. part No.	Output Voltage @ Current	Price
148639	PS-65-12 ≉	+12V @ 0-5.2A	\$27.95

30-Watt Digital Benchtop Power Supply

The Lascar PSU130 is a compact, lightweight benchtop power supply built to be affordable & stylish. The PSU130 can be tilted to change the viewing angle and features a large backlit LCD display, and standard pitch 4mm sockets for connection.



- Output current: 0 to 1A
- Input voltage: 85-264VAC @ 47-63Hz
- · Overload and short-circuit protection





See Page 140 for Complete Specifications

* Web Code: SAX

Part No.	Mfr. Part No.	Size (L x W x H)	Price
301971	PSU130	5.5" x 5.2" x 1.6"	\$94.95

1/4-Watt Carbon Film Resistor Kit

This resistor kit is a Jameco best seller offering an assortment of 1/4 watt, 5% resistors. This assortment allows you to quickly find the value needed & continue your design without having to make a call. When values start running low, simply order a refill P/N 103166.

Includes 540 pcs. (30 Values) 1/4-Watt 5% Resistors each 10 each 10 each 10 each 10 each E0 each E0

io each	io each	io each	io each	io each	50 each	50 each
10Ω	390Ω	2kΩ	5.6kΩ	47kΩ	100Ω	100kΩ
47Ω	470Ω	$2.2k\Omega$	$15k\Omega$	$470k\Omega$	220Ω	
150Ω	680Ω	$2.7k\Omega$	$20k\Omega$	$1M\Omega$	1kΩ	
270Ω	$1.2k\Omega$	$3.3k\Omega$	$22k\Omega$	$10M\Omega$	$4.7k\Omega$	
330Ω	$1.5k\Omega$	$5.1k\Omega$	$33k\Omega$		$10k\Omega$	
		D!				





Price

2000-Count 6-Function Handheld **Digital Multimeter**

This DMM is economical, compact and is a Jameco best seller. A DMM that fits in your shirt pocket and costs less than \$1.85 per function is a bargain.

• Resolution: 100µV

DC voltage ranges: 200mV-600V

AC voltage ranges: 200V-750V

DC current ranges: 200µA-10A

Resistance ranges: 200Ω-2MΩ



Complete Specifications on Pages 134 & 135

Part No.	Mfr. Part No.	Price
318781	BP-1562	\$10.95



AC-to-DC "Slim Line" Regulated Switching Wall Adapter

Output connector: 2.1mm x 5.5mm (female center positive) Compact in size and lightweight, they are the perfect power solution in all those

applications where space is critical. And their high efficiency satisfies requirements for minimizing power losses. You no longer have to deal with traditional wall adapters that block unused outlets in wall plates and power strips/surge protectors.



· 2-wire AC input

· Output cord length: 6' • Input voltage: 100-240VAC @ 47-63Hz

Complete Selection on Page 102

★ Web Code: CBQ

Part No. Mfr. Part No 10 \$15AA05025001 **\$17.95** \$15.95 252736

Thousands of Products Available Online at <u>www.Jameco.com</u>

🗷 RoHS compliant product 💮 This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. 🛚 Details on page 166.





Solderless Breadboards

The screen-printed color coordinates are suitable for many types of digital and analog prototyping and circuit design. Larger models feature a heavy-duty aluminum backing with binding posts. Use Jameco's AC/DC breadboard power supply, P/N 77682 (pg 161).

0.1" hole spacing

 Accepts most electronic components, including integrated circuits and transistors for digital and/or analog circuitry Pins are identified by numbered rows and columns



- · Ideal for high frequency and low noise circuits



ValuePro IAMECO

11013	o on c	Juito						
ee F	Page	160	for N	/lore	Solder	less	Bread	board

Part No.	Mfr. Part No.	Contact Points	Size (L" x W")	Price
20601	JF21 ≉	400	3.3 x 2.1	\$5.75
20812	JE27R ≉	3220	7.3 x 7.5	33.95

Probes with Screw-On Alligator Clips

These test leads are versatile and allow you to adapt to multiple measurement requirements.

- Protected probes
- Screw-on detachable alligator clips
- · Right angle banana clips
- Length: 40"



More Test Equipment Accessories on Page 143

Test Equipment Accessories on Page 143

Part No.	Mfr. Part No.	1	10
1945962	TP-1	\$7.95	\$6.95

Alligator Clip Test Lead Assortment

These test leads are flexible for unrestricted use between electrical devices.

- 24 AWG (13 strands of 36 AWG wire)
- 10 pieces

 Assorted colors

· Length: 15'

JAMECO BenchPro

Part No.	Mfr. Part No.	Price
10444	GAL01	\$4.55

65W AC-to-DC Regulated Switching **Table-Top Power Supply**

- 65 watts
- Output: +19VDC @ 3.42A
- Input: 100-240 VAC @ 50-60Hz
- · Output connector: right angle 2.5mm x 5.5mm female
- Size: 4.2"L x 1.8"W x 1.1"H
- UL/CUL/TUV/CE approved
- Weight: 0.8 lbs. 6' cord



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See Page 108 & 109 for More Regulated Switching Table-Top Power Supplies

•		•	•	
Part No.	Mfr. Part No.			Price
148267	AP13AD02			 \$49.95

24" Joubert Bungee Cord

The Polyethylene rubber core and steel hook design of this cord produces a stronger than average bungee cord. The coated hook and jacket covering make it perfect for securing items without scratching or maring.

- 0.16" PVC coated steel hook thickness
- · 2.75" steel hook height
- Blue cord with black coated hook
- · Braided jacket cover
- 0.81" steel hook opening
- · Stretches easily to 48"

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Part No.	Mfr. Part No.	1	10	50
2081668	JBC24	\$.99	\$.89	\$.79

1999 Count 6-Function Handheld Digital Multimeter

This DMM is great for home, auto, RV, or workshop. It has 14 ranges including a special range for battery test.

- Resolution: 1mV
- DC voltage ranges: 2-600 VDC
- · AC voltage ranges: 200-600 VDC
- · DC current ranges: 200mV Amps
- Resistance ranges: $2-2M\Omega$



See Page 134 for Complete Specifications

Meterman^{*}

* Web Code: EPS

Part No.	Mfr. Part No.	Price
214261	DM7	\$24.95

Enclosed Switching AC-to-DC Power Supply

- · Output: 24 volts at 6.5 amps, 156 watts
- · Ripple and noise: 240mVp-p
- Line and load regulation: ± .2%
 Input voltage: 88-132/176-264VAC @ 47-63Hz
- AC input selectable by switch
- Protections: short-circuit,
- overload, overvoltage Cooling by free air convection
- · 100% full-load burn-in test
- · Fixed switching frequency at 25KHz
- Two year warranty

Part No.

123450



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See Pages 116-120 for More Enclosed Switching Power Supplies

EC2 Series Miniature Signal Relay

This relay is compact and light weight; perfect for electronic switching systems: PBX, terminal equipment, & telephone systems.



Reduced mounting space 15 x 7.5 mm

UL recognized (E73266) · CAS certified (LR46266)

See Pages 87-90 for More Relays

Part No.	Mfr. Part No.	1	10	50
2081650	EC2-5NJ	\$2.49	\$2.25	\$1.95

4' Monster Ultra 800 THX Cable

The Monster Ultra 800 THX cable is designed for serious home theater enthusiasts. This cable allows you to get the best possible performance from your home theater system.

- HexMesh jacket
- Rugged metal shell connector Split tip center pin
- Silver-content solder connections Precision 74Ω impedance design
- Full coverage double-shielding
- Patented 24k gold contact 8-cut turbine connector
- Patented nitrogen gas-injected dielectric
- High purity, fine stranded copper conductors



Part No. Mfr. Part No. 2081211 Ultra 800\$14.95 \$13.49

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12-Volt Blowers & Fans

Four new blowers & fans to compliment the over 250 we already have in stock.

Delta Blowers: P/Ns 2081297/2081641

- Size: 97W x 94H x 33D mm
- CFM: 25.4
- · Bearing: dual ball
- Current: 800mA
- Power: 800 watts
- Noise: 52dBA
- Lead wires: 6" or 11"

Sunon Fans: P/Ns 2081271/249148

- Size: 80W x 80H x 80D mm CFM: 42.5
- Bearing: ball
- · Current: 220mA · Noise: 36.5dBA
- Power: 2.6 watts · Leads: 2 leads or 3 (1) for speed sensor







★ Web Code: LBZ See Pages 96-101 for More Fans

Part No.	Mfr. Part No.	Lead Wires	1	10
2081297	BFB1012H	6" \$	12.95	\$11.49
2081641	BFB1012H+	11"	14.95	13.49
2081271	KDE1208PTB-1-6 (OCM) 2-12"	8.95	7.95
249148	KDE1208PTB-1-6 (OC)	3-12"	. 9.95	8.95

Legacy Processors & Memory Modules

These legacy products are useful in repairing older desktop computers and embedded boxed processors.



See Pages 16 & 17 for More Processors

occ r ag	co ro a rr ror more	~ Web Code: GAG	
Part No.	Mfr. Part No.	Description	Price
130729	JEED07208	SIMM EDO 2M x 32, 60ns, 72-pin	\$2.95
148443	JEED07232	SIMM EDO 8M x 32, 60ns, 72-pin	15.95
75133	P361000-XX-QC-6	SIMM, 1M x 36, 60ns, 72-pin	6.95
75096	P362000-XX-QC-6	SIMM, 2M x 36, 60ns, 72-pin	12.95
75184	P364000-XX-QC-6	SIMM, 4M x 36, 60ns, 72-pin	16.95
148460	8MBX36-60	SIMM, 8M x 36, 60ns, 72-pin	19.95
130841	FV 166MHZ	MPU, Pentium®, 166MHz CORE, 66MHz BUS	9.95
140054	MMXP-200	MPU, Pentium®, 200MHz CORE, 66MHz BUS	12.95
183100	Pentium II 400	MPU, Pentium® II, 400MHz 512k,100MHz BUS,2V	29.95
190060	80522PX-233-512	MPU, Pentium® II, 233MHz, w/ heat sink	22.95
311204	Celeron-800	CPU, Celeron®, 800MHz, FCPGA	29.95
344575	RK80530KZ012512	CPU, P3P 1.26,133FSB, 512k L2,FC-PGA2	159.95

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